

CHECK OUT A RECAP OF FOOTBALL'S NATIONALLY RANKED SEASON

SPORTS BII

GET INSIDE THE MIND OF ORGO PROFESSOR CHRISTOPHER FALZONE



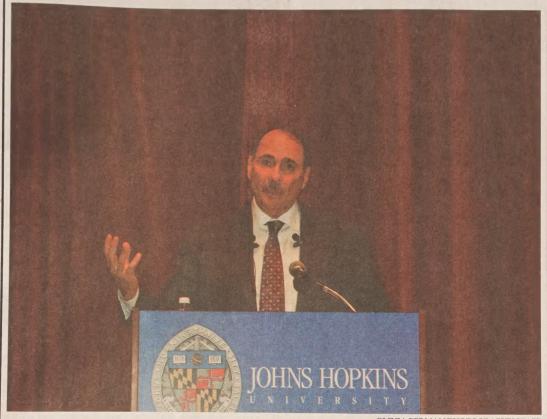
the johns hopkins etter

VOLUME CXVI, ISSUE XI

WWW.JHUNEWSLETTER.COM

NOVEMBER 10, 2011

TUESDAY TALKS



OLIVIA BERMAN/PHOTOGRAPHY STAFF In his Tuesday speech, Axelrod discussed many political issues including his views on healthcare, a topic he has personal ties to.

ANGIE PINILLA/ PHOTOGRAPHY STAFF Donning her bathrobe, Carrie Bennett read a comedic bedtime story.

"Shush Lady" puts poor sleep habits to rest

By ELLEN BRAIT Staff Writer

The Power Down Tuesdays Campaign held their launch event at Nolan's this Tuesday with Carrie Bennett reading from Adam Mansbach's book, Go the F**k to Sleep, a book detailing, in a humorous way, the frustrations that come with trying to get a child to go to sleep.

Bennett quickly drew a crowd as people gathered around, listened intently and laughed heartily.

Following the reading, the group had interactive trivia for the audience where they gave away free t-shirts, water bottles and candy. They also gave out postcards for their upcoming raffle.

The event was held by a group of students from the class "Understanding Behavior Change: Theory and Application" with Professor Lisa Kristin Folda. The class is based around how to organize and run

a public health campaign. SEE SLEEP, PAGE A7

Axelrod gives a look inside Obama campaign

By ASHLEY EMERY Staff Writer

The MSE Symposium hosted David Axelrod, senior advisor to President Barack Obama, this past Tuesday. Axelrod dis-cussed his views on political divisions, healthcare and other hot topic issues,

while incorporating his history with the Obama administration and his view on the current political climate.

"The future is not a gift, but an achievement," Axelrod said, addressing Shriver Hall that evening.

He acknowledged that debt clogs the future and

that the government needs to establish priorities to re-solve fiscal issues.

He believes that educating our nation's youth, training the work force and putting Americans back to work in rebuilding the nation's basic infrastructure are more valuable than extending tax

cuts to the wealthiest citi-

He insisted that the government must continue to allocate funds for research and obtaining resources to keep up with other nations, such as China, India and Brazil, which are not stagnated.

SEE MSE, PAGE A6

INSIDE THIS ISSUE



ARTS & ENTERTAINMENT B5



SCIENCE & TECH



due to fire system error

News & Features Editor

Due to a mechanical system error, the fire suppression system in the Fresh Food Cafe was inadvertently activated last Friday afternoon. The clean up closed the FFC for the remainder of the day and students were redirected to Nolan's for dinner that

"We had to do a major clean up very quickly," David Furhman, Director of Dining Programs, said.

Only a few individuals were present at the time of the incident and no one was harmed. Clean up was completed in time for a regular 10 a.m. opening SEE FFC CLOSING, PAGE A6

FFC closes Dining changes backpack policy

By JUSTIN LI

The Office of Housing and Dining has revised its policy at the Fresh Food Cafe (FFC) to now allow students to bring backpacks into the dining area. ne change comes in response to a string of thefts from the front vestibule area of the FFC over the past several weeks. The

thefts included a backpack

News & Features Editor

and a laptop.

"We wanted to give students a greater sense of security for their personal belongings," David Furhman, Director of Dining Programs, said.

In effect since this past Monday, the policy change has been enacted on a trial basis. In an e-mail sent out to students on Monday, Furhman outlined reasons for the previous policy to not allow backpacks in

the dining area, including possible trip hazards, space concerns over where students could place bags and concerns over food

Despite the concerns, the Dining Office decided to reexamine its policy.

The thefts were very concering [and] caused us to take pause and [reevaluate] what would be best for students," Furhman said.

SEE FFC POLICY, PAGE A6



CAROLYN HAN/PHOTOGRAPHY EDITOR

Following a recent rash of thefts, students are now permitted to bring backpacks into the Fresh Food Cafe.

Admissions pleased with increase in ED applicants

By NASH JENKINS Staff Writer

The Office of Undergraduate Admissions received 1,432 Early Decision applications last week from students seeking advance admission to the Class of 2016, marking a continuing growth of Hopkins' popularity among the collegebound demographic.

The admission pool, according to Dean of Admissions John Latting, is "bigger, more diverse and apparently stronger academically" than that of past classes.

The influx of applications reveals an eight percent increase in the applicant pool from last year.

Last fall, 1,130 individuals applied for spots in the Class of 2015 through the university's Early Decision program.

"The increase in applications has essentially SEE ED, PAGE A7

NEWS & FEATURES A1 OPINIONS A11 YOUR WEEKEND B2 ARTS B3 CARTOONS B6 SCIENCE & TECH B7 SPORTS B12

student-faculty dinner

News & Features Editor

Newman, James B. Knapp Dean of the Krieger School, hosted her weekly faculty-student dinner for members of the Physics department this past Tuesday evening. The faculty speaker for the evening was Marc Kamionkowski, Professor of Physics and Astronomy, who spoke on the topic of dark matter. The event was attended by over 30 undergraduates, graduates and

Students who attended greatly enjoyed the opportunity to engage with other members of the Physics department.

"I got to talk to the chair

of the Physics department. It was really awesome, sophomore Linnea Metclaf, a Physics major, said.

In its second year, the faculty-student dinner is a carry over from Newman's time as a professor in residence at Columbia University.

'I thought it was a really wonderful program. It made a difference to the students," Newman said.

Hopkins students have similarly embraced the opportunity, according to

"They are always happy to be here," Newman said. "They really enjoy having a little social time with one another and seeing their faculty outside the classroom. It matters to them."



COURTESY OF WENDY MO Professor Kamionkowski spoke at the Newman residence over dinner.

Newman hosts Physics | Students protest Obama's pipeline proposal

At least 12,000 people from all over the country and Canada protested in front of the White House last Sunday to oppose the Keystone XL Pipeline. This protest was part of the larger Tar Sands Movement, which aims to convince President Obama to reject the proposal for the pipeline.

The Keystone XL Pipeline plans to carry crude oil over 1,661 miles from Alberta, Canada to Texas. Since it is an international plan, it has to be proposed by the State Department and ultimately approved by Obama. Tar Sands Action, led by activists such as environmentalist Bill McKibben, has held multiple protests in front of the White House since August to try to stop the pipeline from being passed. Sophomore Thalia Patrinos was one of the students from the Baltimore area who went to Washington, D.C. for the protest.

The Tar Sands Action last Sunday was amazing . I met people from Canada, Alabama, California, Florida, and more," she wrote in an email to The News-Letter. "Everyone was working together to build signs and come up with chants as we encircled the White House. Some had built this enormous fake pipeline that read 'Stop the Pipeline'



COURTESY OF THALIA PATRINOS

Patrinos(middle), with friends Elise Levy(left) and Adam Moscovitz(right) protested the Keystone XL Pipeline.

on its side, which everyone carried above their heads as they marched. Amazing climate scientists showed up to give such as Bill McKibben and James Hansen. Once we had all surrounded the White House, Obama drove around to observe what we had all come to-

gether to communicate." Participants, and many other Americans, oppose the pipeline for various reasons. Since the Keystone XL Pipeline relies on the extraction of tar sands oil, it will not help the United States reduce its dependence on nonrenewable energy sources. "The Tar Sands Action is important to me because the construction of this pipeline means one step backward from renewable energy for this country," she wrote. "We should be using our taxpayer's money to invest in energy that will not only be lasting for this generation's and the next, but will come with the guarantee of jobs. The pipeline will last a couple hundred, maybe a thousand jobs until the construction is over."

Many people are also concerned about the detrimental effects that may occur due to the tar sands extraction.

"The tar sands oil that we will be importing from Canada requires an incredibly water and energy intensive process to collect, clean and distribute, while the environment will be permanently degraded and the health of the people living in it will be put at serious risk," Patrinos wrote. "Not only that, but the pipeline will be built through indigenous territory, unfairly displacing Native American communities once again. The Tar Sands Action is important because it allows the people of this country to stand up to greedy oil companies and come to-gether to prevent these injustices and more."

Patrinos hoped that more Hopkins students would have protested along with her and sophomore Kristi Papadopoulos, though some did come from the Bloomberg School of Public Health. She attributes this to Hopkins students claiming that they have too much work to leave campus.

"More Hopkins students should have come, she wrote. "Most people use schoolwork or exams as an excuse, but they forget that the reason they work so hard in school is so they can change the world someday, when you can be doing it all the time."

However, she hopes that the Tar Sands Movement will only get better from here and greatly influence Obama's decision.

started, I've only seen it get bigger and bigger," Patrinos wrote. "I'm excited for more people to learn about what's going on and to get more involved."

Longley kicks off poetry lecture series

Distinguished poetry critic speaks at 2011 Turnbull Poetry Lecture series

By SINDU RAVI For The News-Letter

As part of the 2011 Turnbull Poetry Lecture series, the Writing Seminars Department hosted Edna Longley, a well-known critic of modern Irish and British poetry in Mudd Hall Auditorium Monday. Her discourse revolved around various poets such as Louis MacNeice, Edward

Thomas and Robert Frost. Her lecture was organized under three headings: poetry and war. poetry and modernity and poetry

At beginning the event, Mary Jo Salter, coof chair Writthe ing Semi-Denars partment, Longley discusses numerous aspects of poetry at Monday night's event. handed

out a sheet

with a plethora of poems such as "Poussin" and "The Sun Used to Shine" to all of the audience members. This sheet was intended to help the audience members read along with the various poems that Longley referenced throughout her lecture. Longley's lecture was

entitled "Atlantic Chasms," and she spoke briefly about its origins by referencing Robert Frost and the interchange between him and Edward Thomas.

"For me, the concept of international modernism obscures the national makings of poetry by American and Irish poetry," Longley said, as she interspersed the lecture with her opinions on the trend of poetry in the larger context.

"Poetry has also be-come 'poetries,' not a pretty plural," claimed Êdna Longley as her lecture shifted from critical commentary of certain poetry and poets to the modern state of poetry.

Although a huge portion of the audience was students required to attend these poetry readings as part of IFP (Introduction to Fiction and Many of the Poetry MFA (masters in fine program participants sat in the front row and laughed at Edna's witty remarks as well as asked questions at the end of her lecture. "These lectures are

very important. In today's lecture, she talked about marketing poetry. Marketing poetry is very hard to do because people are

looking more mass literary duction. So, in today's age, poetry is declining and these lectures portant in reminding people of the beauty of poet-Callie Siskel, first year in the Poetry MFA program,

said. Salterstressed

the history behind the Turnbull Lecture Series and importance of it. This lecture series started in 1981 in memory of Percy Turnbull. Percy Turnbull was born to a known family in Baltimore and showed a talent and love

NATHALIA GIBBS/PHOTOGRAPHY STAFF

Poetry), many of them did

not find this a detriment

to their experience in lis-

tening to Longley's pre-

very good critic and she

sees a lot of things I nev-

er really thought about,"

freshman Sarah Hewes

said, a Materials Science

major required to attend

the viewing as part of her

IFP class. "If I had more

time, I definitely would

[attend more poetry lec-

ence, I didn't expect this.

I'm a huge poetry fan be-

cause of the culture in my

family to learn poetry. I

think it brings a new di-

mension for reading,"

freshman Lauren Bovard

said. "As long as I know

when they are, I'll go."

"It was a great experi-

tures ."

"I thought she was a

We chose this speaker actually because David Smith, who was the chair last year, suggested her and her husband's names. Many of us have admired her mainly because American literary studies don't take into account what's happening in Britain and Ireland. Salter said. "It was one of the best events. You can't create writing in a vacuum and this lecture will prove to be extremely

beneficial to students."

By BEN KUPFERBERG After a Hopkins student

reported suspicious activ-Hopkins Security and Baltimore Police responded and aprehended a wanted

Staff Writer

Senior Christina Warner, who is Editor-in-Chief of The News-Letter, was participating in her second "Citizen on Patrol" walk with Hopkins Security on Tuesday night when she noticed a figure on the roof of a 3000 block Guilford Avenue house.

"I was looking up on the roofs because I remembered what I had heard on my first walk about how burglars break into homes," Warner said.

According to Baltimore Police and Hopkins Security the suspect was Glenn Davis, 46. He was arrested for trespassing, but a warrant for his arrest had been issued at an earlier date for

"I think the response by Baltimore City was fantiastic," Edmund Skrodzki, Executive Director of Hopkins Safety and Security,

"They responded very quickly and efficiently and the suspect was apprehended quickly. We'll probably see a drop in burglaries because of this ar-Many community mem-

bers feel that Warner's good instincts reinforce the broader goal of the community walks.

"It does a world of good in several ways. First of

all just having a group of people out on the street in visible way is in itself a deterrent to crime," Dennis O'Shea, University spokesperson, said.

Student on security walk catches burglar

has been going around Charles Vil-It was good to see

lage and I think resi- what a dents very grateful that it occurred and it occurred in the context of a Hopkins Security ini-

tiative.' Students on the walk with Warner

sults they were witnessing firsthand. "It was good to see what a positive impact these patrol walks can [have] on the neighborhood," Mike Musary, senior, said. "I rec-

a JHU student." The excitement of Tuesday's walk gave it extra impact, but multiple participants noted the educational value with or without a dramatic ar-

ommend going on one of

these patrol walks if you're

"It was really insightful and enlightening . . . I got to press a button [on a blue light] which sounded an alarm. Christina Warner also caught a cat burglar on top of a roof . . . and it seemed like something out of Hollywood, but it was actually just a regular day on the streets of Baltimore," sophomore Caitlin

As outlined by Hopkins Security, the walks aim to accomplish three main goals. First, the walking groups establish a physical presence "Word of this incident in Charles Village that

> can act as a deterent for criminals.

Second. work educate stucommunity members about vulnerable aspects of the urban environment, including personal

property safety.

Third, the walks encourage University/community engagement by providing an opportunity for the University community and local neighbors to interact. Additionally, all participants meet off-duty Baltimore police, campus police officers and Allied Barton person-

"Christina is an excellent observer. She took the walk seriously. She was on the walk six months prior and the training she received during that walk assisted in observing [the burglar] on the roof," Skrodzki said.

"This basically substantiates the effectiveness of Neighborhood Walkers on Patrol. We can make a difference and we are making a difference for the overall security of the Charles Village area."

these patrol walks can [have] on the neighborhood. - MIKE MUSARY, SENIOR

felt heartened by the re-

positive impact

NEWS & FEATURES

Panel discusses future of American cities | BFSA hosts annual

By OLIVIA CUSIMANO Staff Writer

The Johns Hopkins Center for Social Concern and Tribe, Inc. collaborated to host a panel on "The Future of American Cities: Opportunities and Challenges" The event was a non-partisan debate that hoped to take into account a large number of perspectives and ideologies about the nature of cities today and how they can make positive strides toward their future. The event was moderated by WEAA 88.9 FM radio host Anthony McCarthy of the Anthony McCarthy Show.

"Although the topic is about 'American Cities' in general, it has a particular resonance for me, as I have just moved back to Baltimore City a couple of months ago. It is my belief that people will come to reevaluate city living as a solution to high gas prices, hour-plus commutes, and suburban sprawl," Bill Tiefenworth, Director of the Center for Social Concern wrote in an e-mail to The News-Letter.

"Around the time of the primary elections in Baltimore City, there were a number of positions circulated by the candidates concerning property taxes, education, attracting businesses, etc. Now that the general election is over, we Baltimoreans can easily shelve these questions until the next election cycle. The challenges will remain unmet unless we keep these questions on the front burner. The forum is one way to doing just that," Tiefenworth wrote.

In order to facilitate a non-partisan discussion, panelists were chosen from different backgrounds. Trae Lewis of the Baltimore Area Young Republicans, Willie Flowers of the Park Heights Community Health Alliance, Donn Worgs of the Towson University Department of Political Science and Tom Stosur of the Baltimore City Planning Department along with McCarthy discussed the nature of American cities, particularly Baltimore, and their futures.

The panel first touched on the urban agenda to revive cities.

"What made these cities great doesn't exist anymore. We need to change what we are doing. Government stopped supporting cities during the Reagan years. Mainly, though, we're successful because of diversity" Flowers said.

Lewis agreed. "Cities are epicenters for culture, trade, and commerce. All types of people make the economy work," he said.

empnasized, though, that cities need to make people want to come there and live there. "People originally came here for manufacturing jobs, but now that there are no more manufacturing jobs, what



CATHERINE GUENTHER/PHOTOGRAPHY STAFF

The panelists discussed problems disturbing the urban landscape of Baltimore and other cities in America.

are we going to do? We need a new plan," he said.

Worgs shared the same sentiment, arguing that job generation is needed to sustain cities.

Despite the concerns, Stosur predicted the growth of cities in the near future.

"I think the Red Line [light rail] will have a huge impact as it will connect with the North-South Line to form an East-West line and really regionalize the area," he said

The panelists then discussed their criticisms of how the government is handling the cities. Flowers argued that there has been no focus on creating jobs for those already unemployed. Stosur agreed. "Concentrating poverty doesn't work," he said.

Both of them believe in "Mixed Income Project" where people of different incomes populate the city, and within the city, the different neighborhoods. That way, there's no "bad" part of town. "Everyone can contribute to the vitality of a city," Flowers said.

The topic of taxes also arose. All four panelists seemed to agree that while people seem to think that raising taxes is "natural" when the budget is low, they didn't necessarily agree that that was the best idea. "If we're going to raise taxes, we should get what we pay for, we shouldn't be paying full price if we aren't getting full value," Stosur said.

Students that attended found the discussion highly engaging.

'I thought all the different proposals in how to stimulate population growth were really interesting. There were a lot of things I wouldn't have thought about doing. I learned a lot from this," freshman Greg Fuller said.

Students from the city felt a personal stake in the discussion too.

"Being from New York this topic was very important to me. Right now things are good, but they could be much better and I think this discussion was really important. I just wish we could adapt it on a much larger scale so that politicians and other important government figures could hear it, as well," freshman Isabelle Burden said.

At the events conclusion, the panelists expressed their optimism for the future of cities.

"Personally, I really love [Baltimore City], and want it to thrive for all who live, work, or study here. It is my hope that our forum identified positive new thinking to help make our cities and its citizens write a new chap-ter for the future," Tiefen-

fall food drive

News & Features Editor

The Hopkins Black Faculty and Staff Association (BFSA) is hosting their annual Fall Food Drive for Moveable Feast through Tuesday, Nov. 15.

Moveable Feast is a charitable organization that provides meals and other services to poor, home-bound individuindividuals suffering from serious chronic illnesses. On the Homewood Campus, donations can be taken to the office of Deborah Savage in Krieger 107 or Andre Hickman in Krieger 161

"[The food drive] is something that's done annually [the BFSA does] to give back to the community," Savage, a former president of the BFSA and an IT manager at Hopkins, said.

BFSA chooses a group to team up with for their annual food drive and the organization may vary from year to year. For this year's food drive, the BFSA elected to work with Moveable Feast.

"We've had [BFSA members] in the past do volunteer work with Moveable Feast," Savage said. "They were so moved by what they were doing that they wanted [the BFSA] to continue to work with [Moveable Feast]."

Moveable Feast serves over 9,000 meals a week and provides groceries to over 1,200 households. In addition, the Baltimorebased group now serves individuals within Baltimore, the five surrounding counties and the eastern shore of Maryland.

"We are the only organization in the State of Maryland with this as our mission — to feed the poor sick," Thomas Bonderenko, Executive Director of Moveable Feast, said.

Founded in 1989, Moveable Feast was formed with the original goal of serving people suffering from HIV and AIDS who are within 300 percent of the poverty line. The organization has since grown and now serves individuals suffering from other chronic illnesses, including breast cancer, lung cancer and blood cancer.

"We provide nutritious home delivered meals free of cost for people with AIDS, as well as compassion and understanding," Bonderenko said. "It's part of our mission."

Donations of canned and dried foods are requested - in particular, low sodium canned vegetables, canned meats and tuna, peanut butter and jelly, cereal, crackers, macaroni and cheese and canned fruit.

Donations of toiletries, including shampoo, soap, deodorant, lotion, toothbrushes and toothpaste are also requested. Donors who wish to make cash donations may do so on the Moveable Feast website, www.mfeast.org.

Engineering Nerd Bowl sees increased turnout, higher level play

By KATHERINE SIMEON News & Features Editor

The Hopkins Engineering Department hosted the Nerd Bowl this past Saturday on the practice field. The Nerd Bowl, a flag football tournament for engineering majors at Hopkins, had an increased turnout this year that unified engineers from different fields of study and education lev-

"The Nerb Bowl was pretty much an event where we're able to get all of the engineering departments to have a friendly game of flag football. Students from each department were able get to know each other and become a more united group throughout the course of the day. It's just a fun way to go play football, have fun against other departments and get to meet people in your own department," senior Bernardo Guzman, a chemical engineering major, said. Guzman was a main organizer of the event.

This is the second time

Bowl event. This year, 15 more people participated compared to last year. Four teams competed in a double elimination tournament. Some of the teams were divided into specific departments. After several close calls and a few touchdowns that occurred in the last few seconds, the winning team - comprised of mostly biomedical engineering majors, with a couple applied math and computer engineering students

"Most of the people in our team had flag football experience by playing intramural flag football," BME freshman Mario Padilla said in an e-mail he

"The best part of the event was basically havpeople and meeting new people. It feels great to win a great activity that should happen more often. It definitely helped the engineering community by allowing us to meet people from

the engineering department hosted the Nerd was awarded \$100.

wrote to The News-Letter. ing fun playing with other the Nerd Bowl. I say it was

CAROLYN HAN/PHOTOGRAPHY EDITOR

Engineering students from different cources of study come together to compete in a flag football tournament,

different departments."

There was also a fair amount of spectator presence. Many students, especially members of Theta Tau, Hopkins's professional engineering fraternity, were watching and enjoying the game in support of the engineering depart-

"Flag football is something that a lot of the brothers within Theta Tau found a lot of fun," Guzman said. "We know tons of people [involved with] intramurals...we know there's a whole lot of interest in that within the engineering department. So we thought it would be another great way to get more people interested. Since the flag football season already ended, people who might want to play another game or so would get the opportunity to."

The main purpose of the Nerd Bowl was to foster a sense of community and family across all the different departments under the engineering school. From the biomedical engineers to materials science engineers, the Nerd Bowl gave everyone an opportunity to socialize with the different engineering fields of

"It's definitely a great

way to unite the...community. Definitely a way to get a lot of people from each major to come together and to get to know each other," Guzman said.

The event not only connected different majors together, but also the undergraduate and graduate communities. Two of the teams at the tournament were comprised completely of graduate students. One team was for BME graduate students and the other was for Bioengineer-

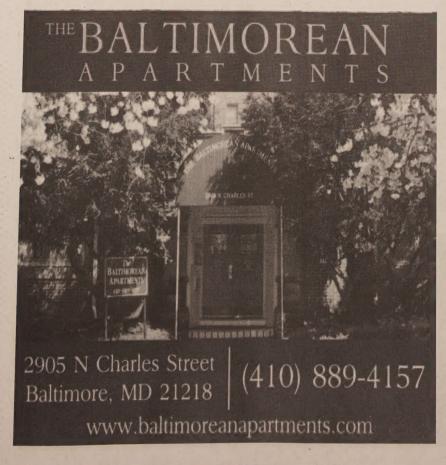
ing graduate students. I think it's a great idea to be able to have the undergraduate and graduate department be able to mix, be able to work together. So that they'll be able to help each other out and that help build connections so that they can understand what [each] person is working on. It's just a way of connecting everybody," Guzman said.

Guzman hopes that in future Nerd Bowls, undergraduate and graduate students can join forces under one team. But so far, Guzman feels the past two events of its kind have been steadily bringing the community together. He thinks the progress is on a clear upward trend and has big goals for next year.

"It was a good step forward," Guzman said. Since it was so small, it's something that we are looking forward to and improving upon. We know that since we got four teams this year, we can ramp up our advertising and really work harder for next year to get five [or] six teams which would be ter-

Although the Nerd Bowl made good progress, Guzman hopes similar events will continue to instill a greater sense of community within the engineering department. Despite the numerous majors within the engineering school, Guzman notes that they are more similar than they are different.

"There are a bunch of differences, but in the end they're all very similar," Guzman said. "Each one goes out into its own curriculum and structure, but when it comes back to it, we are all engineers looking to work towards a specific goal. All the majors work towards the same goals, improving life, helping others, making big changes, making differences in the world...there are differences in what we learn, but we are all trying to work together."



Organic chemistry professor urges students to explore new fields

By JACKIE HEATH For The News-Letter

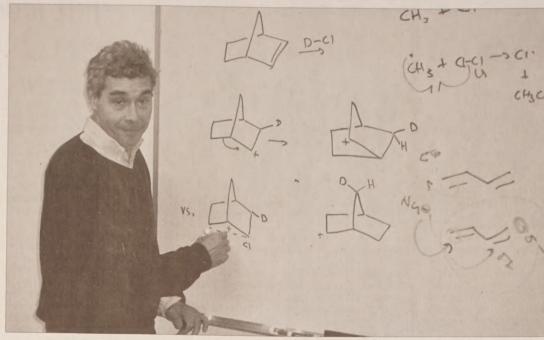
The phrase "organic chemistry" elicits a spec-trum of different reactions. Some students shudder in fear while other students are excited to learn more about aliphatic compounds. Regardless of the feeling, organic chemistry is notorious for being extremely difficult, especially at Hopkins. And when students are struggling, the best solution is to go to office hours.

Enter the office of Dr. Christopher Falzone. Once Falzone meets you in his office, he will make sure to learn your name. He will greet you with a smile when you come in before lecture begins and notice when you get to class late. If you visit frequently enough, he might even come to know what time you have a club meeting or practice each day.

This more casual relationship with his students was inspired by the relationships he had with his professors as an undergraduate at Washington University in St. Louis (WUSTL). He described the many afternoons he spent at the Holmes quadrangle - the main quad at WUSTL.

"Students would get coffee or iced tea and go to sit on the quad. They saw many professors there who were doing the same thing, and would wind up having amazing conversations with them. You'd learn so much about what influenced [your professors] and why they were teaching. They were welcoming, and they were always happy to talk to you if they weren't too busy," Falzone said.

When he was not on the quad, Falzone spent his undergraduate years studying a variety of subjects. Besides chemistry, he also had a love for litera-



COURTESY OF JACKIE HEATH Dr. Falzone reviews concepts from class during his office hours. However, his wisdom extends beyond chemistry as he gives life advice to students.

ture through his fondness for Shakespeare.

"I liked classes about books - studying the great American or European writers, so I took literature classes. I loved those because I knew I had to become a pretty good writer; I felt that people with good writing skills went places," Falzone said.

After college, Falzone immediately went to graduate school. He followed one of his mentors to Clarkson University, where he obtained a PhD in chemistry. Since then, he has taught organic chemistry for the past nineteen years, the past four of which have been here at Hopkins.

Now, with his own students, he looks to a model of teaching that he learned as an undergraduate at WUSTL.

"[As a student], you should have access to your professors. I don't think

there should be any walls put up. Students should have people who are giving them professional advice. I consider myself an advisor, and that is an important aspect of my job", Falzone said.

After four years at Homewood, Falzone has come to like many aspects of the university and appreciate the beauty of the Hopkins landscape. Particularly, he has a high sense of admiration for the students he works with - the hard working atmosphere they foster makes Hopkins a great place to work.

'I enjoy this campus a lot," Falzone said. "I think it's a pretty campus, and a great environment. I like the ingenuity of some of the students. There are many practical jokes that I don't see always but I hear about. There's also a seriousness to these students, yet by and large they show up motivated. I never see students just taking a class to check a box. I'm not saying you guys don't have fun, but I like the focused atmosphere here. I'm surrounded by students who want to do great work."

As a well-seasoned professional in the field of academia, Falzone understands the value of knowledge and emphasizes to students the importance of truly absorbing what is being taught in class versus robotic memorization.

"I believe you have to know why things happen, and I think you have to visualize things," Falzone said. You can't memorize everything because [organic chemistry is different than a language: there's only one way to conjugate a verb correctly, but there are thousands of ways to do an organic reaction. . . My philosophy is: understand, know the 'how' and 'why', and study with a

Besides teaching, Falzone is currently on the committee for the Gateway Sciences Initiative, a new project that is working to improve the structure of introductory-level science courses at Hopkins. Approved earlier this year in May, the initiative has received \$800,000 to fund the implementation of professors' ideas to help science learning. Falzone is currently working on proposals that will affect organic chemistry classes, possibly as soon as next semester. The goal of such modifications to classes would be to better accommodate the variety of students taking the course, such as offering a more biology-focused section for pre-med students. Smaller class sizes would potentially be another ben-

Falzone understands the pressures put on the student community at Hopkins and

efit of such changes.

encourages the future doctors, engineers, lawyers and politicians to reach out into different departments and enjoy the subjects that they will not be able to study in the future.

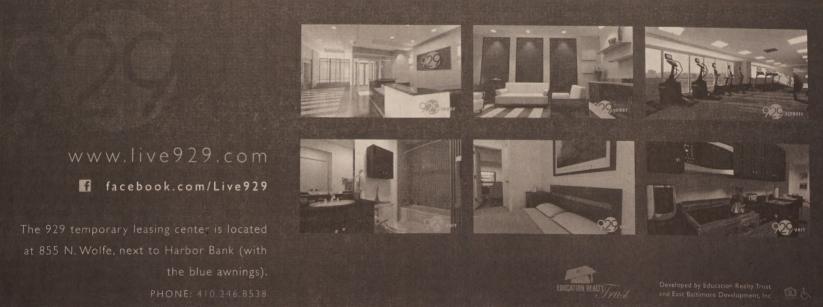
"Some students really try to do too much," Fal-zone said. "They give a short shift to research because they're busy volunteering, they're busy shadowing, and in my opinion that gets pushed a little too much. You need to enjoy college because it's the one time you're going to take anything you really want to take. Once you start professional school, Shakespeare is out of the question, unless you're going to become a Shakespearean scholar."

Falzone has done his fair share of crossing boundaries into the world outside of chemistry. Besides organic chemistry and Shakespeare, Falzone fills his spare time with running, cooking and woodworking. If you ask, he would be more than happy to give you a cookbook recommendation.

Falzone insists that the idea of exploring new territory should resonate beyond the walls of the classroom. After graduating college, people should see the world and gain an international perspective before settling in on years of medical school or starting to take on a full-time job.

"I would tell everyone, after you've done all the things you'll need to make you a good applicant [for graduate or professional school], to take a year to travel. You don't have time to travel once you start your job, and I think medical students particularly should take a gap year. I really think the year off recharges the batteries, and I would have loved to have just backpacked around Europe," Falzone said.





NEWS & FEATURES

Hopkins Entertainers Club provides a fiery learning experience

By KATHERINE SIMEON News & Features Editor

The Hopkins community is brimming with talent from the harmonious voices that emerge from the many a capella groups to the agility of the many athletes to the researchers who spend hours experimenting in the lab. Then there are a handful of other students who can add more talents to this diverse list: juggling, staff and unicycling. And the list does not end here.

Monday night Every in the Mattin Center, the Hopkins Entertainers Club combines the theatrics of the stage, the coordination needed on the athletic field and the experimentation of a scientist to bring a diverse set of quirky skill sets to their shows. Members practice juggling, staff (twirling of big sticks with lights or fire on both ends), poi (the twirling of tethered weights into different geometric patterns), magic, yo-yo and unicycling among many others, but the group is particularly renowned for their performances with fire.

The Entertainers Club puts on one main show each semester. They also do small performances in multi-group collaborative shows, such as the O-show during freshman orientation and other cultural and

ing with fire is that ev-eryone who walks by our performances feels compelled to stop and watch because the fire is just so captivating!" sophomore Sara Popham, Vice President of the Entertainers Club, wrote in an e-mail to The News-Letter. "Honestly though, it was absolutely terrifying the first time I ever tried spinning with fire, but you get used to it. The one thing that you never get used to though is just how LOUD it is when the fire's right by your head. I totally didn't expect that."

However, fire is not the only thing the club plays with. Colorful lights, a dizzying amount of twirling, juggling, unicycling and juggling while unicycling are all part of their repertoire. Sophomore member Sierra Costanza has juggled everything from balls to clubs to knives.

"It's just awesome. It's something that not a lot of people can do or take the time to learn so it's a cool and unique skill to have. It's fun to learn new tricks and stuff," said Costanza when asked why she juggles.

The nearly 20 members of the Entertainers Club come from different backgrounds and levels of experience. The group fosters an environment of growing and learning, with everyone learning from each



COURTESY OF SARA POPHAM

The Entertainers Club gives students an opportunity to try a variety of different performances, from juggling to twirling to riding a unicycle.

spend the first few months of the year teaching new members all the basic tricks so that they can be in our first show.

Costanza had no prior experience with fire before joining the Entertainers Club and now regularly practices with it. Even as a veteran juggler, she still

finds fire an entirely challenging experi-

also tried [jugeverything. which is really terrifying." Costanza said. "Just because it's different than just juggling want to learn normal stuff, like the weight is different. The fire part is heavy and

face.' Popham first saw tertain-Club ers

scary and

ing at your

com-

it's

perform during her freshman orientation. Starting with minimal experience, she has learned a lot since her

to learn," Popham wrote,

"I did color guard in high school, so I had some experience doing things like staff, but there are so many other skills that I'm still trying to work on.

Popham's main events are staff and poi. Both requiring a lot of twirl-

ing, which is something she is wellversed in as a former member of color ever, Popham is eager to try a little bit of

sonal favorite is definitely long staff because of the looks I get when I toss it really high. I still really

everything, but unicycling is incredibly difficult. All the skills seem to work really well together though," Popham wrote.

In contrast, Costanza started juggling in sixth grade, where her school had an after school circus program. Coming to Homewood, she was instantly on the search for a place on campus to juggle.

"I was interested in joining the club because I was looking for it on purpose. I wanted to keep a hold on my juggling skills...I went to the [student activities] fair and signed it up," Costanza said.

Despite Costanza's history with juggling, she still works hard to improve her skills. She works hard at every meeting to perfect and maintain grace on her regular routines while constantly

learning new ones. It's just awesome. "Learning a trick takes a rethat not a lot of ally long people can do or time, Costanza said. "The take the time to

ones that

look really

cool take a

really long

it is kind

of frus trating.. frus-

[when]

you keep

time.

to have. -SIERRA COSTANZA, SOPHOMORE

learn so it's a cool

and unique skill

It's something

dropping it. But once you have it, you probably won't forget it so it's pretty cool."

Fostering a thriving learning environment, the Entertainers Club also allows its members to explore an array of different tricks to their hearts' contents. People of different specialties are able to give input on different performances and spark innova-

'There's a ton of different equipment so it's just fun to try everything out all the time and you just have freedom to do it in the club," Costanza said.

The open and creative environment also instills a sense of family within the group that is ready to help and welcome any new members. favorite aspect of this group is that we're really like a family." Popham wrote. "We act really silly around each other most of the time, but we also help each other all the time because there's always a new trick that you want to learn, and chances are there's someone there to teach you."

Costanza also agrees and sees the group as a refuge from the hectic happenings in classes and work

"Everyone's friendly and it is just a fun place to be on Monday nights," Costanza said.

The Entertainers Club will be hosting its fall semester show, Disney Your Childhood Remixed, on Friday, Nov. 18. at 8 p.m. in the Mattin Center SDS Room.

"We've come up with the most amazing theme this year, and the music to go with it is just incredible," Popham said. "Hopefully the audience will start singing along. We also came up with some new props to work with, but I don't think I'm supposed to give away that secret, so you'll just have to come to the show to find out what I'm talking

about!"



COURTESY OF SARA POPHAM

The Entertainers Club is known on campus for its thrilling performances involving fire.

performing arts projects throughout the year.

For the fall show, the performance begins indoors with strobe light performance then heads outdoors for the group's signature fire spectacle. In the spring, the show is entirely outdoors and entirely about fire.

"The best part of work-

"Our club is basically just a unique place for people who either had these skills to start with or want to learn them because we freshman year but still have lots of people who are willing to teach," Popham said. "A majority of our members come to the first meeting with little experience and almost none have experience with fire. We

feels like th to know.

"I was so lucky to run into them during my orientation, and I thought it would be a really cool skill

Come on in for TUESDAYS WITH GERTIE \$12 dinner entrees — a dozen to chose from! **GERTRUDE'S**

"Johnny, get that blasted camera off me or I'll whack your head with my pockeybook!



And clean your plate or no dessert..."

Gertie, John's grandma

LUNCH • DINNER • WEEKEND BRUNCH 410.889.3399

RESERVE ON-LINE: WWW.GERTRUDESBALTIMORE.COM



COURTESY OF SARA POPHAM A member of the Entertainers Club wows the audience when spinning fire during one of the group's shows.

Graduate student discusses winding academic path, other travels

By STEPHANIE HUIE For The News-Letter

Sociologists represent a small part of the student population at Hopkins. However, the sociology department's specialization in social inequality is what attracted Anne-Marie Livingstone to study at Hopkins. She is currently in her second year of pursuing her doctorate degree in sociology, and she is one of the teaching assistants for the Introduction to Sociology undergraduate class. Originally from Montreal, Canada, where she received an undergraduate Bachelor of Arts degree in psychology from Concordia University, Livingstone moved to the U.S. to pursue her studies. The department's work relevant to public policy and a background of research complements Livingstone's passions and interests of race, poverty, inequality and social

"I always wanted to do a doctorate, it's been in the back of my mind for a while," Livingstone said. "I'm an applied person and I like working on the ground, working for social change. It is what I have committed myself to."

Before coming to Hopkins, Livingstone had work experience in the public sector. There, she found more research was needed and necessary to fill in gaps in the knowledge base.

"The knowledge the public sectors have about race and inequality is limited and reflects a particular perspective. For example, if a child is struggling in school, many put a strong emphasis on the child's family, but they do not consider aspects of what the school may be doing. Many in the public sector are working from what is the dominant view, perhaps not taking into account factors like merit and individualism," Livingstone said.

Her claims are generalizations, and there are some exceptions, but they widely hold true. Much evidence is available to support her example, but the question is why? Why do these views exist at all and why do they continue to persist? And what change can occur to make progress? These assumptions and dominant perspectives of the world are what Livingstone hopes to clarify or challenge in her research.

After working in the public sector for a while, Livingstone decided her role had changed. Livingstone slowly discovered that she didn't want to focus on individuals, with the study of psychology, but rather wanted to move towards the discipline of sociology, to focus on social action and social processes. She switched from the work force back into academia to do research specifically on race and inequality. In research, she hopes to build a knowledge base so people can respond better in any situation. Rather than working from assumptions, all individuals can work from a more informed knowledge base.

Her change of heart decidedly came while she was volunteering over the summer in an international project in Sweden.

The project's goal was to help those in Algeria who were in refugee camps. The program worked towards helping the refugees gain freedom and improve the plight of the people.

My experience in the refugee camps showed me a community that was high in solidarity and interdependence. I felt the power of a social movement by just being in it. I felt inspired by the people. This was when I realized I wanted to work on issues on things that are broad-Livingstone said.

She took a qualifying year in sociology, and later, she received her Master's degree in sociology at Mc-Gill University in Mon-

The current system of academic degrees is different today than before though. In Canada, the Master's and Doctorate degrees are separate pursuits, while the United States offers them both as a combination as an option.

Little did she know that she would be going back to school again, eventually, to get the final degree, saying At the time, I thought the Master's degree was perfect! I only wanted to do work."

While at McGill, pursuing her Master's degree, Livingstone did an ethnography in Ghana on women and health care practices in a rural village. The year before, she partook in an exchange program in Ghana, which made her want to go back and learn more. Livingstone wanted to explore her questions on African development and social development, so she did return to Africa for her

thesis. She spent an entire year in Ghana for field

There was no electricity, no running water, and were about twenty minutes from the highway But it was a memorable Livingstone said. "When I went there, I thought I would be making a contribution to the knowledge of Ghana."

Laughing, she confided that she believed that she herself took more away from the trip than she contributed. Livingstone felt she had learned about traditional medicine, which she didn't know anything about before, and how important it is in terms of

Livingstone didn't spend the entire year living in the rural village,

"Oh no! Not for a whole year! I was able to go back to the city every two or three weeks. Sometimes just to eat a hamburger." Now at Hopkins, with

her doctorate thesis, Livingstone wants to do a comparative study on low income black mothers or low income black families in urban areas in Canada and the United States. She wants to look into social policies and see what impact they have on conditions of life. In this research, Livingstone hopes to look at the issue of race across two contexts, in an urban setting and in two different cultures and environments.

Livingstone commented that since Canada has a different history of racial inequality, slavery was never as prominent or extreme as it was in the United States, but it has similar issues. She believes that Canada can learn from the United States in the U.S.'s progress from slavery and discrimi-

Livingstone also stated that the United States, specifically Baltimore, is quite different in other ways than her home country

"Upon arrival, I was shocked," Livingstone said. "The crime and poverty is like front page stuff! It opened my eyes to some of the continuing social divisions, inequality and race."

She also noted that the strongest difference she finds is in public policy and a stronger culture of individualism in the United States. Her view is that there is more of a limited public involvement and society is more about capitalism and market, which is a less prominent feeling in Canada.

However, Baltimore has more of a sense of community than Montreal, she thinks. When she walks down the street, people say hello to her. Livingstone considers the city to have its own charm and friendliness to the people.

having here for a couple of years, Livingstone an active member of the Baltimore Currently she is volunteering for an organization called Algebra Project. The Algebra Project provides math instruction as a site for civil rights in hopes to empower young people and bring change to schools. The tutoring program, which works on math skills, is peer led and entirely youth driven. The advocacy section, in which Livingstone is involved, works for other issues such as stopping youth jail institutions and improving food quality in schools. The food justice project is what Livingstone is supporting at the moment.

"The quality of lunches in the school, they sometimes are so poor in nutrition. We are developing a project to improve the quality of that food for school," Livingstone said. " It is very important because there are implications that good food impacts school perfor-

This community works truly shows Livingstone's dedication to service and helping others. She does this in addition to her academic pursuits and acting as an instructor for undergraduate students. When asked about being a TA for undergraduates in the Intro to Sociology class, she

"I didn't have a choice!" Livingstone said. "No, I really enjoy teaching and working with young people. It's very useful and practical for me to go back to the basics too."

At the end of the day, Livingstone loves her work because it is her passion. She is interested in both looking at social problems, but also in solving those problems and bringing forth social change. Livingstone hasn't yet decided if she will be staying in the world of academia or if she will go back to work in the nonprofit sector. However, she knows for certain she will always be doing something with her love of soci-

Axelrod discusses importance of youth in politics

Axelrod asserted that the possibilities for the believes that the Republican Party is experiencing a "reign of terror" from the division in the party into the Tea Party and the "Martini Party", comprised of right-wing economists and the center right corporate Republicans, which has diminished the efficacy of the party.

"I am not saying that the Republicans in Congress are trying to tank the nation's economy in order to defeat the president," Axelrod said. "I think that there are some Republicans out there who want to do the right thing, and they're terrified."

Axelrod proposed that the true power to propel the country towards progress lies in the rising generation of college students.

"I strongly believe that meaningful change almost always begins with young people...[Young supporters of Obama] wanted to change the direction of their country. It was never about advancing the ambitions of one extraordinary candidate; it was about promoting our shared ambitions for our country," Axelrod said.

Axelrod saw the young generation as an agent of action. It impacted events such as the election of Obama, the restoration of scientific inquiry, the advancement of stem cell research, increased fuel efficiency standards, clean energy, the reformation of the student loan program, the promulgation of the "Don't Act Don't Tell" policy, and health care reform.

Health care reform possesses particular importance to Axelrod and he cites it as the greatest accomplishment of Obama's administration thus far.

"We knew that it was politically [and] dangerously new and that it



OLIVIA BERMAN/PHOTOGRAPHY STAFF

Axelrod reveals a novel and fresh perspective on the death of Osama Bin Laden, among other topics at MSE.

would have a long-term payoff in a country that wants short-term. But we understood that in the long-term, it was going to be important for our country to get it done; I'm really proud," Axelrod said.

Health care is exceptionally significant to Axelrod because of the traumatic illness of his daughter, for which his health insurance was ineffective. He is profoundly thankful for the health care reform because he does not wish for any family to struggle as his

"I knew that families in the future wouldn't have to go through that terrifying feeling that my family did", Axelrod said. "They won't have to flirt with bankruptcy in order to take care of their children's grave

Additionally, Axelrod tailored his presentation to engage the student body and struck a captivating balance of humor and insider bits of wisdom. He checkered his presentation with personal anecdotes from his experiences advising political campaigns and government officials.

With stories accentuating the success of the Obama administration in combating terrorism, he included a story of his visit to the White House to help President Obama write jokes for a comedic speech for that night's White House Correspondents' dinner, one day prior to the mission targeting Bin

"A joke was, 'Poor Tim Polenti had such a promising career, but for that unfortunate middle name, Bin Laden.' The president said, 'Bin Laden? That's so yesterday. Why don't we take that out?"" Axelrod

Obama proposed switching the name 'Bin Laden' to 'Hosni'.

"I'm thinking to myself, 'Hosni isn't very funny. [Obama] got 365 electoral votes, I didn't get any, so Hosni it was," Axelrod

However, when Axelrod received the news of Bin Laden's death the following day, Axelrod realized why Obama was insistent upon removing the joke. This epitomized the rare uniqueness of Axelrod's experience: he had an insider's look into the realities of politics.

Axelrod has served as senior advisor to President Barack H. Obama, senior advisor to the Obama-Biden Presidential Transition and senior strategist to Barack Obama's campaign for the presidency. Having garnered a reputation as a renowned media and political mastermind, many consider him genius and innovator in the political arena. Members of the student audience recognized Axelrod's valuable insight in this single en-

counter. "For me, he is beyond any other person in his profession. He is truly a special person to hear from because he knows what he is talking about. The visions that he sees turn into realities. He is a great voice for the president to have," freshman Yarden Carmon

New FFC policy aims to prevent theft

In addition to the policy change, additional security cameras have been installed

that my

finally safe with

me while I eat.

the vestibule

To avoid It's good to know potential mishaps, Furhman belongings are listed guidelines which students should stow their backpacks in the dining area in e-mail on Monday. -Such precau

tions included stowing backpacks underneath tables, ensuring straps are not intertwined with furniture and avoiding placing bags on tables or chairs.

The new policy, Furhman stressed, is operating on a trial basis; violations thereof will yield "swift and appropriate disciplinary action" by the Office of the Dean of Student

Few freshmen have raised objections to the stipulations of the new

policy. Freshman Conor Flannigan, who claimed he brings his laptop to "every meal" due to con-

venience, said he relishes diminished risk theft.

"It's good know that my belongings are finally safe - CONOR with while I eat," FLANNIGAN, Flanigan

FRESHMAN said. In gard to personal safe-

ty, others have noted an improvement in quality that proves contrary to the expectations of dining officials. For instance, the tripping hazards in the vestibule area have diminished, according to freshman Jasmin Gonza-

lez.
"I actually used to trip on backpacks waiting in line for lunch," Gonzalez said. "My friends and I used to vouch for cubbies, but this definitely works too. Less inconvenient, def-

FFC closing alters Friday evening routine

FFC CLOSING, FROM A1 the next day.

Despite the disruption,

students did not seem affected.

"It was a hassle, but it was a Friday night anyway - I deserved a break from dining hall food," freshman Dev Patel said.

Others relished the change of scenery and menu provided by Nolan's,

towards which dining officials directed hungry underclassmen. On Friday, the facility permitted freshman meal swipes for admission.

Freshman Nadine Hassan put it bluntly. "The food in Nolan's is so much better than the FFC," she said. "Better options, better quality . . . I'm not complaining."

Lively reading promotes healthy habits

They were split up into four separate groups and this particular group chose to focus on sleep deprivation and raising awareness

"I attended the event because I wanted to learn about sleep deprivation. As a typical Hopkins student, I don't really sleep so I wanted to learn more about the topic," sophomore Marisa Babb said.

The student group running the event did have a

I enjoyed Carrie's

- DIVYA KERNICK,

SOPHOMORE

rocking chair.

main goal spreading awareness

"Mainly what want to see people shut ics before

sleep so that they get a better night's rest," sophomore Deanna Cotsalas, one of the planners of the event, explained.

Bennett gathered an audience once she got settled in her own rocking chair that she brought from home. She sat comfortably

"We chose Carrie because she's a familiar face.

She's like our celebrity model. We thought would read it best," Cotsalas said.

Bennett adapted the reading fit Hopkins's own personal style. the mention of Loyola University, Maxie's and Wawa, she had the audience laughing fairly regularly.

"No, you can't go to Wawa. Go to nett exclaimed

"I expected it to be a lot more straight ally interactive and funny so it was a great way to learn everything," sophomore Sydney Rooney said.

The group chose Mansbach's book because of a reading Samuel L. Jackson had done of it in the past. They thought having Bennett read it would provide an interesting and humorous parody of his past reading.

When asked if the group took any measures to ensure that even those who did not know of the origi-

nal reading would understand the humor behind the reading, Cotsalas explained they had send

Faceout book links about it even though it was fairly well known.

Students reacted very positively to the event because of both the subject matter as well as the trivia at the end.

'I was only expecting a reading. The trivia at the end was a surprise but it added greatly to the event and made it much more infessed that Bennett was one of their main reasons for attending at all. "She's hilarious!" Rooney said, after listen-

said.

ing to her adaption of Mansbach's book. "She's a really interest-

teresting and interactive,"

sophomore Divya Kernik

Many students con-

ing person and everyone knows her. I think it was more fun with her reading it rather than someone students don't know," Babb explained.

The group planning the event was pleased with the reading's success. With an uncertain beginning, they weren't sure what to expect.

"I think it went pretty well. I'm happy that once we started talking into the microphone, everyone started crowding around. It was kind of cute too. Carrie was like Mama Carrie," Cotsalas said.

"I enjoyed Carrie's rocking chair," Kernik added.

The group has also planned a raffle that they handed out tickets for. Students must turn off their electronics at midnight. Then they have to record on their raffle ticket what they do for the hour following

they fore go to bed. Once they hand in the raffle tickthey're et, qualified to win some great prizes, including a copy of Mansbach's book signed by Carrie.

The event seemed to deliver the intended response.

"I learned that I should sleep more,' Babb said.

The Power Down Tuesdays Campaign will be running for



Mason Hall, which houses the admissions offices, is filled with ED applications that are ready for review

ED applicant pool keeps upward trend

been linear for the past decade," Latting said. "We see about five hundred more applications every five years

The batch of prospective students, whose applications arrived in Mason Hall on Tuesday, Nov. 1, depicts statistical increases in demographics both geographic and academic. Applications from Maryland and New Jersey - states with an already-ingrained presence on Homewood saw "big gains" this year, Latting said. Engineering programs also saw a surge in popularity, continuing a trend of growth disproportionate to that of the Krieger

School of Arts and Sciences. On whole, the pool is a varied one. Latting stated that 189 of the 1,432 applicants — approximately eight percent - are minorities, defining the category as applicants who self-identified as black, Hispanic or Native Amer-

He also identified the Early Decision applicants to the Class of 2016 as "stronger academically" than that of past classes, with an average SAT score of 1353 (on the 1600-point scale): a 20-point increase from last year. Consequent to the increase in both magnitude and ability, a proportionate trend pervades: admissions to Hopkins will continue to grow more difficult.

"Last year, we accepted 39 percent of our early applications, versus a 60 percent acceptance rate a decade ago," Latting said. "We're taking more of our class early, but the likelihood of admission is dropping."

Latting's staff accepted 518 of the 1,330 Early Decision candidates for the Class of 2015, forming roughly 40 percent of the class weeks before the office received the bulk of applications. The admissions staff expects similar statistics this year, Latting said, but anticipates a lower acceptance rate on whole.

"Last year, we accepted 38 percent early and 18 percent regular, which came out to an 18 percent acceptance rate overall," Latting said. "This year, it'll likely be closer to 15 percent overall."

Noting the increasingly aggressive spirit of the college admissions game, Latting acknowledged the comparative advantages of applying to a university via a binding early admissions program.

"There's a certain luxury to the Early Decisions program, both for applicants and admissions staff members," he said. "The staff has fewer applications to read and thus more time to read them, so it's fair to say that we give greater evaluation to those applications submitted early.

Much of the advantage rests in the irreducibly statistical nature of the admissions process. In order to accurately predict the size of the incoming class, Hopkins assigns applications submitted during the regular decision round with a percentage of likelihood that the student will enroll if accepted. An application with a higher percentage is a "safer bet," according to Latting.

The rating system does not apply to Early Decision applicants, since the commitment of the early process implies an applicant's unwavering interest in the school. Such interest, Latting said, is enticing.

For most Hopkins students, this advantage was no secret during their admissions processes

"I'd seen kids from my high school apply early with much greater success than the regular decision applicants. I loved Hopkins, so I figured 'why not?" Alyssa Zelicof, a freshman accepted through Early De-

Freshman Victoria Marconcurred, claiming that Hopkins was her "first choice" and the benefits of applying early were "obvi-

At the end of the day, however, neither timing nor implied interest can eclipse ability - or lack thereof. Almost a thousand applicants will receive disappointing news from Hopkins come Dec. 15, a reality that Latting stressed as unfortunately necessary.

"At the end of the day, though, we take who we want — who we think will thrive," he said. "We take who we think will take advantage of the resources provided at Hopkins."

On November 10, 2011 we invite you to ...

Spend your Thursday with The News-Letter

1 p.m. Read this week's copy of the paper in the Atrium with a cup of chai between your classes.

6:30 p.m. Visit the cottage on the edge of campus (The Gatehouse) to attend the News & Features staff meeting and learn how to get your article on the front page.

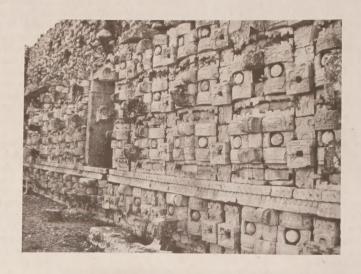
7:30 p.m. Stick around The Gatehouse to learn about The News-Letter's new video initiative.

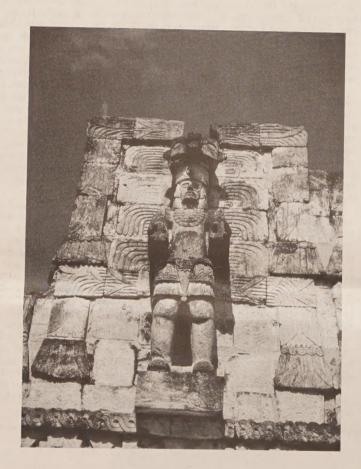
at one point.

ANGIE PINILLA/PHOTOGRAPHY STAFF but it was re- The "Shush Lady"'s reading puts unhealthy sleeping habits to rest.

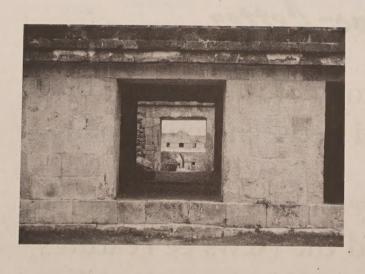
PHOTO ESSAY



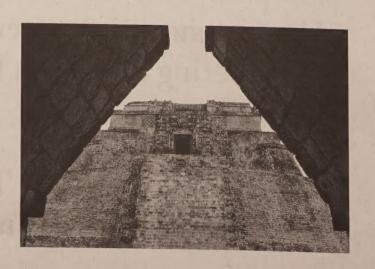




YUCATÁN BY LILY NEWMAN







Kitchen Nightmare takes on B'more's Café Hon

evening, we Homewood campus to the streets of the Hampflamingo-dotted

Café Hon is named in honor of Baltimore's old stereotype for its working class women, a woman in bright clothes, eccentric glasses, with an elaborate beehive hairdo! In this light, it's only fitting that Café Hon be full of character itself.

Café Hon was unmistakable not only because of the massive flamingo plastered to the outside of the building but also because of the trailers, camera crews, and crowds that surrounded its perimeter. Reality television and a celebrity, Gordon Ram-say, have infiltrated this neighborhood staple and revamped the spot.

When we heard that Kitchen Nightmares would be filmed there, right near campus, Hopkins' biggest foodies knew we had to take a trip to Café Hon. We arrived giddy with excitement and surrounded by lights, commotion, and a casual sighting here and there of Ramsay himself in a crisp white chef's coat. (We saw him four times, NBD!)

Upon seeing our names at the top of the list on the check-in table in front of the restaurant, we approached the people behind the desk and pointed to the neon green clipboard baring our

A little too over excited, we failed to realize the line that ran down the building in front of us and were immediately directed down the block

The majority of our fellow queuers were local families, excited to see the new and improved Café Hon and maybe even sneak a peak of the curse-loving, but highly entertaining Chef Ramsay. We waited in line under bright spotlights and in front of trailers as crewmembers spoke into walkie-talkies.

As we got closer to the table, the delicious smells coming from the restaurant's kitchen got our stomachs speaking. We were in line for about 45 minutes.

Just in front of us there was a family who had some connection to the show, so every few minutes, a member of the Kitchen Nightmares crew would stop by and talk about filming the show.

We also were quite occupied with people watching and were fortunate enough to spot Terrell Suggs, linebacker for the Baltimore Ravens. Needless to say, there were cheers from the crowd upon his arrival because of his team's impressive victory

over the Pittsburgh Steelers. We finally made it to the neon clipboard and once we gave our names, the bouncers did double takes and brought out special papers for us to sign: CRITIC RELEASE FORMS! We kid you not. These Kitchen Nightmare people must have been warned prior to our arrival that we are legitimate reviewers with very sophisticated stomachs and highly trained taste buds.

Ready to go to experience the restaurants hustle and bustle, we started walking around the corner, but were directed to yet another line, where we were instructed by a crewmember things to keep in mind while dining at the restaurant.

We were told: 1. Don't look into the camera because it's weird and it makes the home viewers feel awkward. 2. If the camera does come to film your table, only talk about the food or the restaurant. No personal matters such as break-ups will be featured on the show. 3. Do not approach Chef Ramsay for an autograph. He's really busy running the restaurant.

It was also in this second



Hampden's classic Cafe Hon was visited by celebrity Gordon Ramsey as part of Kitchen Nightmares.

line that we gave multiple pointing straight at us. It was basically our own personal photo shoot. Except the camera wasn't on.

After our photo shoot and some more specific details regarding our critic release forms, it was time.

The place was bustling It was bright, colorful, and lively; we felt welcome right away. The hostess came over at once, took our reservation, and showed us to our table.

As we walked through the room, we immediately noticed the themed decoration of the first room. It was 50s themed, with comfortable booths, pink and blue colored decorations and a few waitresses donning classic hon hairdos. Everything was perfect - the bright colors, bright lights and smiling people - it was as if we walked into Tracy Turnblad's favorite restaurant. Instead of being seated in this room, however, we were led to the next one.

This room had a different vibe, a bit more intimate with cheetah couches, leather stools at the bar and Grecian tables along the wall. Each wall seemed like

Alex Barbera and

Georgina Rupp

it could be in a different restau-rant. One wall had bright pink and green

wallpaper, one was dark brown with a big brown clock, one was orange with an ornate mirror and the last was white washed

Although questionable at first, we realized that the mix the wallpaper matched the wide variety of the menu perfectly. We couldn't help but notice the overall crisp feeling of the restaurant's decoration - everything was spic

and span and although the decoration change was noteworthy, it wasn't distracting or overwhelming.

After taking in our surroundings, we turned to the menu. After much deliberation, we decided to start with the crab dip. We are in Maryland after all, and this state is known for its crab.

Our server was very attentive and friendly, and she came over for our orders right away. It was a good starter, very heavy but the perfect feel-good comfort food, especially when eaten in Café Hon's bright and cheery space. It was cheesy and delicious, served with crispy and buttery slices of baguette. Our favorite part was the big chunks of crab.

Following this appe tizer, we had a feast. We were already full, but that didn't stop us-Ramsay's new spin on the Café Hon menu left us too many delicious dining options to resist. We shared a chicken pot pie, a staple on the Café Hon menu and in keeping with the comfort food and diner quality of the place, and a salmon dish, a new addition to the menu and

one the most popular accord. ing to our waitress. These

Guest Food Columnists dishes were solid, yet we'll be

honest-we weren't blown away either. The chicken pot pie was somewhat bland, but we definitely noted the fresh ingredients that the Café Hon chefs prepared it with-fresh chicken and fresh vegetables (not your typical frozen ones). Perhaps we were only underwhelmed out of personal preference; we like a lot of seasoning and lots of chick-

The small cubes of ham added unexpected flavor and made a nice addition to the potpie. As for the puff pastry, it was delicious, flavorful, flaky and there was just the right amount. Frisée greens on the side turned out to be surprisingly noteworthy with delicious lemon vinaigrette! As for the salmon, it was fantastic. Perfectly crispy on the outside yet tender and not overcooked on the inside, it must take an expert to make. Furthermore, it came with such delectable green beans on the side that sent the two of us raving about these vegetables to anyone that would listen-our waitress, the cameramen, and the owner as she walked by.

Our only disappointment surrounding this dish was that it was not diner food; we felt it didn't quite fit with our meal nor did it fit in with the experience and the surroundings of Café Hon.

We wonder if Café Hon has lost a bit of its charm in the aftermath of its makeover. We finished our meal with a phenomenal brownie sundae, recommended to us by the owner herself, and fashioned with homemade hot fudge and homemade brownies. It was the perfect end to a great meal in Hampden (and hopefully on TV too!).

We'd recommend this restaurant to anyone interested in a night in a quirky "Hon" gift shop across the street) and looking for fun décor and comforting food in a friendly atmosphere.

Our experience was most enjoyable! Chef Gordon Ramsay and his team have given Café Hon a chic, fun diner atmosphere and transformed its menu with gourmet twists on old time favorites that we are certain you will enjoy even

Stalking, talking and other annoying habits

ery guy or we've been ever with is in the wrong, but we all get annoyed at some of the things our significant others dothings we wish we could bitch about to his or her face, but don't. Sometimes we're not even involved with someone and we take crap from them just because we're too nice to tell them to go get lost in the AMR tunnels

Time and time again I've heard women and men alike complaining about the ruthless neglect they face at the hands of their boyfriend or girlfriend, and the fact remains that only at Hopkins will you not get laid on a Friday night because your dearest has an exam in a week

I would argue that there is nothing worse than a sexually unfulfilling relationship. Passing up sex requires an indisputably good reason.

Even something straightforward as not being in the mood is a satisfactory excuse, but not taking a few hours to enjoy yourself when you have an entire week to get your work done is beyond annoying for your girl or guy. The fact that we Hopkins students allow our studies to become detrimental to our sexual health is just

And then there are the ones who don't take no for

Guest Relationship

Columnist

alize that Rahel Gebreyesus to presplaying hard to get' and flat denial completely separate con-

Guys, if you ask her to

your next date party and she literally replies "No, I can't," it means no for this formal, no for the next formal, no forever. Girls, it's been said time and time again. It's practically a movement. There's even a movie about it: He's Just Not That Into You. Don't press the issue! It just makes you come off as desperate and creepy, which brings us to our next topic.

Stalking: It's illegal in all 50 states, and even though Baltimore PD is probably occupied with

double homicides drug busts, you will be reported. So don't do it. Contrary to popular belief, sneaking into her room in the middle of the night and watching her sleep is hardly romantic. In fact, it's as close to harassment as you can get, if not there.

Pausing when you see him passing by just to stop and stare as he makes his way from Commons to CharMar is monumentally terrifying. And the day you adopt the mentality 'If I can't have you, no one will,' is the day you transcend the barrier between admirer and stalker with a crush.

People with no conversational skills get nowhere. If you're a guy and you've ever noticed the girl you're flirting with suddenly develop a fascination with nearby shrubbery, she's not a naturefriendly tree-hugger, she's just zoned-out. If you're a girl and you're spending 60 percent of the conversation talking about your vast collection of gings, you're not going to be asked on a second date; you're going to be

It's good to be open and friendly, but some people like to talk about themselves like no tomorrow. You'd think they reciting passages from their autobiography. No one cares what you ate for breakfast. Hearing a guy or girl recount their life story

from womb ent time like reading a line in an Orgo textbook

over and over again at two in the morning when you're half-asleep.

Girls, bringing up your ex is the fastest way to lose brownie points with him. No guy wants to be compared to a boyfriend you didn't work out with. Guys, in your desperation, please avoid talking about the medgrade you smoked last night, or the forty you chugged with your bros this morning before your 9 a.m. Physio Psych lecture.

We all screw up sometimes, and that's okay. It may be infuriating, but that's what probably makes you love them even more.

Finding the perfect haircut in B'more and maintaing that style

definition of fashion

should be an amalgamation of all the aspects of your appearance hair included

stantaneously

Your hair should be versatile and adaptable to different situations. Spending 20 minutes on your style every morning gets annoying rather quickly, especially being a rushed col-

complement your face shape and work with your hair's natural texture. Sure, a particular style may look great in a magazine, but you must be realistic and genuinely consider if it will

Ultimately, your stylist should be your go-to dents, too-heavily rely on friends' when choosing a hairstyle.

However, you can't expect a stylist to read your mind. Clearly articulate your needs and reservations, but give the stylist leeway in crafting a look that will work for you.

A good stylist values communication, and will not be offended if you don't like their particular direc-

During my time at Hopkins, I've frequented a lot of different salons trying to find the perfect stylist. I've found that Baltimore has many more great salons than expected, especially outside of Charles Village.

Most upscale salons are concentrated in Hampden,

Mount Vernon, or Federal Hill, all easily accessible fer significant student dis-

My favorite salon in Baltimore-area is Neal's, the Hair Studio and Day Spa at 856 Park

The salon

friendlier. The minute you walk in the door, you feel like a part of the Neal's family.

are great, I'd particularly recommend Becky Levine. Her cuts are modern and chic, yet they work with your natural hair and are easily wearable.

Neal's offers a halfprice student discount on Tuesdays. Just bring your J-Card and another form of identification confirming your current enrollment status. A printed out class schedule or tuition bill will work perfectly

take care of it! Most

Alex Vicory

dermatologists and stylists don't advocate shampooing

> day. every Three to four times a week should be plenty for most hair types. My general rule? Shampoo after every trip

Sartorial Sensibilities to the gym. When washing your hair, use about a quarter-size dollop, and lather for no more than thirty seconds to minimize breakage. If your hair feels oily between washes, try out a dry shampoo. It can cut a lot of time out of your morning routine. Also,

> stead, comb out tangles. If you choose to use a blow dryer or flat iron, protect your hair with a product designed to guard against heat.

never brush wet hair. In-

Finding a styling product that works for you can be a trial-and-error process. Consult some reviews online, and then try to procure some samples.

At Sephora, you can get a sample of any product just ask a sales associate.

Our nearest Sephora is at the Towson Town Center. Or if you prefer, you can buy trial-size products on eBay at very reasonable costs, and then buy the fullsize product if it suits you.

Also, you probably have some natural hair care products hiding in the cupboards of your kitchenette that are low-cost and effective. Many common foods have essential oils and vitamins that work wonders on your hair. To repair damaged hair, try a concoction of oil and egg yolk. Massage it into your hair, let it sit for ten minutes, and follow with a shampoo.

Allegedly, beer can add shine, body, and strength to your hair. Mix one cup of warm water with six tablespoons of beer, and use it as a final rinse. Ultimately, everybody

has different hair, and only you know your hair best. Don't be afraid to exper-

iment with different looks and products with the help of your stylist. Why not breech your hair boundaries? It will always grow

Got any style or fashion tips or questions? Email me at fashion@jhunewslet-

contheir

to clothing and accessories. However, your "look"

A good haircut can inupgrade your style without a lot of effort. Although getting the perfect haircut certainly isn't easy, with the help of a professional stylist, you'll be on your way to finding a style that is low-maintenance and flattering.

lege student. Great haircuts must

work for you.

hair consultant. This may sound silly, but I find that especially stu-

Although your friends' recommendations certainly be worthwhile, friendship often gets in the way of honesty, and your friends really don't know your hair as well as you think they do. Besides, who better to trust with styles than a professional who cuts hair every

for the Hopkins student. Additionally, many of-

Avenue in Mount Ver-

is small and charming, and the staff couldn't be

Although all the stylists

Once you've found the right stylist, pay them a visit every six to eight weeks. Now that you've gotten your perfect cut,

Editorial

Backpacking through FFC

On Nov. 7, Housing and Dining had to remain in an unprotected announced a change to its longstanding rule forbidding students from taking any bags into the FFC. The change was prompted by a series of thefts of student property, wherein students property was stolen from the cubby area just outside the cafeteria.

This board commends Dining on finally fixing what has long been a glaring security concern for everyone frequenting the FFC. In the past, thousands of students were forced to leave their bags behind while they went into the FFC to eat. The cubby spaces provided for storing bags were clearly inadequate on many levels. First, they were too small to accommodate a reasonably high level of student traffic. This meant that students were often forced to leave their bags in overflow piles on the ground, where they were at greater risk of being stolen, crushed or damaged.

Second, the cubby area was not secured. Access to the FFC's entryway are is open to the public. Inside the cubbies are watched by whoever happens to be manning the front desk of the cafeteria itself, but their primary job is watching who comes in from the cubbies, not who goes to them. It was always unreasonable to expect these one or two employees to monitor the belongings of the thousands who go into and out of the FFC every day. Moreover, it is impossible to see the cubbies from inside the cafeteria, meaning that once students left their bags outside, there was no way to make sure their items were safe.

All this could have been acceptable - or at least less worrying — if these bags weren't filled with expensive items. Laptops, headphones, textbooks and notes all in many science labs and gyms.

and unrestricted space until the recent policy change.

To be fair, the policy was originally in place to protect the FFC from what it saw as the threat of student theft. By prohibiting students from bringing bags into the FFC, it was hoped, they would be prevented from sneaking out food or cutlery (individuals can judge the efficacy of this "loss-prevention" policy for themselves). The News-Letter is not unsympathetic to this concern, but it was unreasonable to force students to sacrifice the safety of their property to deal with this threat. We therefore applaud Dining for its decision to finally permit students to take their personal belongings into the cafeteria.

We note with concern, however, Dining's announcement that they reserve the right to revert back to the old policy. This page hopes and trusts that Hopkins students will use the new system responsibly, and to the entire community's benefit. In fact, even if students respond perfectly to the rule change, there is still the threat that bringing in that many bags may make navigating the cafeteria too unwieldy or even unsafe. Either way, if in the future Aramark judges the new policy to be unsustainable, it would be a mistake simply to revert to the old policy. If it turns out that the FFC simply cannot operate properly while students are permitted to bring their bags inside, then it will be incumbent upon Dining to provide some sort of reasonably secure accommodation for belongings. The cubbies could with little trouble be replaced with lockers, for example, following the model

Moveable Feasts in Baltimore

ciation has sponsored a food drive suffering from the disease are black. since October 14 in support of Move- Moreover, Baltimore has a poverty able Feast, a Baltimore non-profit that rate of 21 percent, more than six perprovides free meals to Marylanders with life-threatening illnesses. Beginning in 1989 as the only free meal delivery program in Maryland for persons suffering from HIV/AIDS and breast cancer, Moveable Feast has since expanded its services to provide nutritional counseling and delivery programs for the homeless and those unable to work.

This page supports the work of Moveable Feast and commends the Black Faculty and Staff Association for getting involved in their cause. We hope that the Hopkins community will continue to solidify this bond with Moveable Feast to help bring free meals to those who so desperately need them.

As students living in Baltimore, we must acknowledge the fact that this city is not an easy place to live for the ill. Many of those suffering with HIV/AIDS and other illnesses are also contending with the specter of unemployment, poverty and a family to feed. Baltimore currently ranks tenth among metropolitan areas for new reports of HIV/AIDS

The Black Faculty and Staff Asso- cases a year. Over 86 percent of those centage points higher than the national average. When measured for disabled persons, the poverty rate jumps to 27 percent.

> These are statistics that simply cannot be ignored. People are suffering unimaginable hardships in our city, and we must do all that we can to help. Because Moveable Feast is the only free meal delivery program in Baltimore for homebound individuals, we strongly believe that the Hopkins community will be able to make a difference by supporting their cause.

Furthermore, throughout Hopkins's history, we have come to understand that we can't educate ourselves while turning a blind eye to the stark truths of our city. As President Daniels has said, "the University was founded, supported and kept alive by the men and women of Baltimore." We are a part of the city of Baltimore and we must continue our efforts to give back to the community. Supporting programs like Moveable Feast is a step in the right direction.



CAROLYN HAN/PHOTOGRAPHY EDITOR

Bags left unattended in and around cubbies at the front of the FFC are not supervised while students are eating.

LETTERS POLICY

The Johns Hopkins News-Letter welcomes letters to the editor. Letters must be e-mailed to chiefs@jhunewsletter.com for inclusion in a Thursday issue. All letters received become property of The News-Letter. The News-Letter reserves the right to edit for space, grammar and clarity. Letters must include contact information and cannot be anonymous. The News-Letter reserves the right to limit the number of letters printed.

PUBLISHED SINCE 1896 BY THE STUDENTS OF THE JOHNS HOPKINS UNIVERSITY

HTTP://WWW.JHUNEWSLETTER.COM

EDITORIAL BOARD

EDITORS-IN-CHIEF MANAGING EDITORS PHOTOGRAPHY EDITORS MAGAZINE EDITOR News & Features Editors

OPINIONS EDITOR LAYOUT EDITOR SPORTS EDITORS ARTS & ENTERTAINMENT EDITORS SCIENCE & TECHNOLOGY EDITOR YOUR WEEKEND EDITOR CARTOONS EDITOR COPY EDITORS TECHNICAL EDITORS

Lily Newman, Christina Warner Michael Nakan, Rachel Witkin Carolyn Han, Youngbin Park Laura Flynn Abby Harri, Justin Li, Katherine Simeon Ian Scott Victoria Scordato Mike Kanen, Clayton Rische Hsia-Ting Chang, Barbara Lam Mali Wiederkehr, Ian Yu Florence Lau Alexander Mui Mary Katherine Atkins, Annie Badman Daniel Levenson, Nate Schloss

Photography Staff

Olivia Berman, Nathalia Gibbs, Simon Osipov, Angie Pinilla, Will Shepherdson

BUSINESS STAFF

MARKETING MANAGER BILLING MANAGER

Evan Keefe Zachary Goldstein

THE JOHNS HOPKINS NEWS-LETTER

The Gatehouse (on the corner of N. Charles Street and Art Museum Drive

The Johns Hopkins News-Letter is published every Thursday during the academic year by the undergraduate students of The Johns Hopkins University with the exception of holidays, exam periods and vacations. The views expressed herein, including opinions and columns, do not necessarily represent those of the editorial board. All submissions become property of *The News-Letter* and will be included on The News-Letter's website, www.jhunewsletter.com.

Business hours are Mondays through Fridays, 1-5 p.m. The deadline for advertisements is 5 p.m. on the Tuesday before the Thursday of publication. The total circulation to the local campuses of Johns Hopkins (Homewood, Medical School and Hospital, Peabody), area colleges and the greater Baltimore region is 5,200.

©2011 The Johns Hopkins News-Letter. No material in this issue may be reproduced without the expressed written permission of the Editors-in-Chief.



Mailing Address: Levering Suite 102 The Johns Hopkins University 3400 North Charles Street Baltimore, MD 21218

Main Phone Number: (410) 516-6000 Business/Advertising: (443) 844-7913 E-mail: chiefs@jhunewsletter.com

http://www.jhunewsletter.com

OPINIONS

With the exception of editorials, the opinions expressed here are those of the contributors. They are not necessarily those of The Johns Hopkins News-Letter.

China has transformed into a dominant world power this century

By JACKSON TSE

uppose humankind possessed a time machine. Let's rewind a century back and ask the great European powers Britain, France, Germany, Italy and Belgium — which country they would hedge their immediate bets on, given that they would be struck by economic collapse and potential defaults, financial breakdown and catastrophe, all administered with a debilitating dose of political gridlock (i.e. The Euro Crisis). Political leaders would likely only be able to point to one country for assistance: The United States. Given the booming American economy and the sense of American nationalism and collective agreement, the European great powers would no doubt consider their neighbor across the Atlantic their best bet for economic assistance. It sure as heck wouldn't be the war-torn, revolution-stricken, technologically impotent "Middle Kingdom" that the Great Powers had previously

But no one can predict the future. The United States is now wracked by massive unemployment, burdensome wars and internal factionalism. Almost nine percent of Americans are unemployed, the percentage increasing to 16 percent when accounting for those with part-time jobs. Wars and nation building in Afghanistan and Iraq have severely crippled the American resolve toward "making the world safe for democracy." Popular protests like that of the Occupy Wall Street Movement dominate the streets, protestors laying claim to the massive wealth inequality between the wealthy and poor. American politicians resort to brinksmanship and ideological criticism in order to advance their personal interests and political cliques. Europe looks no better - with their common standard of currency on the brink of collapse, and with countries like Portugal, Italy, Greece and Spain facing immense sovereign debts and the risk of default.

To solve their domestic woes and to stabilize an economic system thrown into chaos and confusion, European leaders have recently begun talks with China financial backing and economic assistance. Indeed, French Presi-

dent Sarkozy' recent call to Chinese President Hu Jintao explaining the European need for cash lobbying him for economic as sistance lustrated how dire the European economy truly is. According to Arvind Subramanian of the Peterson Institute for International Economics, China, with its 3.2 trillion dollars in excess reserves is the only country "able to provide the magnitudes of relief that Europe desper-

ately needs."

China has risen in the past hundred years to become a great power. Recent events - from China surpassing the Japanese economy this year to the international community's inability to do anything about Chinese currency manipulation — have confirmed the emergence of Chinese power capabilities. The fact can hardly be underplayed anymore. One hundred years ago, China was in the midst of internal revolution and civil war, with the inept Qing dynasty usurped by the Kuomintang government that had little, if any, capability to establish order. Bandits and warlords roamed the lands. One hundred years ago, European investors flocked into China, eager to fashion the economy into a panregion to further economic self-interest. This is the same China that was literally carved up by European powers; the same China that was transformed into colonial outposts; the same China defeated in the Opium Wars, the 'sick man of Asia.

This "sick man" has achieved

the impossible. Economically, China's rise has been remarkable. The size of the Chinese



economy has quadrupled since the launch of market reforms in the 1970s. The average standard of living, as measured with GDP per capita, went from 95 dollars in 1960 to almost 4400 dollars in 2010; a noteworthy feat, considering the large Chinese population. Writing in Foreign Affairs, John G. Ikenberry commented that "[China] has become one of the world's major manufacturing centers and consumes roughly a third of the global supply of iron, steel and coal." China now holds the largest amount of U.S. debt, 1.2 trillion dollars, an amount even larger than that owned by

Socially, the Chinese gov ernment has managed to both capitalize on technology of the future and improve the livelihoods of its citizens. It has invested in solar and nuclear power, advancing exponentially in these areas. Thomas Friedman noted that, "in [2009] alone, so many new solar panel makers emerged in China that the price

American households.

of solar power has fallen from roughly 59 cents a kilowatt hour to 16 cents."

Citizens, too, have benefited from governmental action. In an article for China Daily Albert from the University of Oxford translated this to "half a billion poor were lifted out of poverty, an achievement of historic global importance."

China still has a long way to go. The Chi-nese government undoubtedly have to address issues of social censorship and human rights, if ALEX MUL/CARTOONS EDITOR it is to be taken seriously interna-

Of course

tional arena. We still can't claim for sure that the 1989 Tianan-

men Incident won't happen again, given the arrests of Chinese activist Liu Xiaobo, artist Ai Weiwei and other proponents for social democracy. To fully enjoy the fruits of global trade, China will have to play by the institutional rules. Currency manipulation remains a contentious issue, though the Chinese government has taken steps to inflate its currency. Nations will need to see China as a dependable ally, if the potential for a multi-lateral international system is to remain realistic.

Still, Sarkozy's phone call signified a monumental shift in the power dynamics of the international system. It's a shift that sees the potential of China taking on greater responsibilities in institutions like the International Monetary Fund and the World Trade Organization, a shift that historian Niall Ferguson claims will see "a reorientation of the world toward the East." One thing remains clear: the past century has witnessed the transformation of a "Sick Man" to a "Great Power. As Mao Zedong claimed in 1949, "the Chinese people have stood

Jackson Tse is a freshman International Studies major from Hong Kong.

Hopkins transportation is idling on sustainability

By MICHAEL ST. GERMAIN

s I look out my window on the fifth floor of McCoy, I see the Hopkins security vehicle idling. It has been there for two hours Only 20 feet away passes the Red Line of the Blue Jay Shuttle for the fifth time today. I know this is not an uncommon scene, as these vehicles have many routes that require them to sit and observe or, in the case of the Blue Jay Shuttle, simply follow the same route every half hour.

It is without a doubt that these vehicles, their operators and their administrators are providing invaluable services to the school and Charles Village community. They serve as the foundation for the Hopkins community by creating a security envelope that should make most, if not all, students feel safe. By transporting students to locations when it is late or when the students do not feel secure or able to respond to any medical or security emergency in a timely and precise manner, the Blue Jay Shuttle and campus security patrol vehicles are a powerful duo. Their success in being able to keep the campus moving and secure should not, however serve as an excuse for them to rest on their laurels.

These vehicle's routes and operational patterns make them major consumers of gasoline and major polluters. Moreover, as a student from Detroit - the headquarters of American automobile manufacturing - I have a genuine appreciation for the advancement of automotive technology, especially when it comes to sustainability. I know we can do better than this.

With the huge leaps in sustainable transportation technology in the last decade, there are vehicles that could serve as viable replacements for the Honda CR-Vs. The first reaction is often something along the lines of fright, as the security officers do not want anything to do with something that will diminish their capabilities as a security force. This was indeed the reaction when campus security purchased a Toyota Prius. This purchase was made with good, if not great intentions that were a step in the right direction towards sustainability. But this vehicle, because of its low ground clearance and low visibility among other problems, is rarely used and amounts to nothing but a battery pack in the parking lot.

It is time for Hopkins Campus Security and the Blue Jay Shuttle to come up with a plan to fundamentally change the way they operate and move to reduce over-

all gasoline consumption. For campus security, replacing the CR-Vs is a matter of comparing the different fuel economies of vehicles along side the different dimensions and engine sizes. By no means is the Honda CR-V the most fuel efficient small SUV on the road in America. In fact, that crown is held by Ford's Escape Hybrid, followed by many other American - made models. No doubt there is a cost premium for the more fuel-efficient vehicles, especially when attempting to replace the definition of an "appliance" automobile such as the Honda CR-V (cheap and does only what you need it to). These premiums are especially difficult to justify in times of economic crisis such as these. However, there is a certain point at which our University must recognize its responsibility as a global citizen. While huge hikes in the cost of a vehicle cannot be justified, the administration should grow to consider the sustainable alternative with moderate premiums.

It appears to be more difficult to convert to a sustainable alternative for the Blue Jay Shuttle as there are simply not any feasible hybrids that are large enough and have the carrying capacity of the E-350s that are currently used. While the administration could consider switching to smaller vehicles, depending on route usage or for point-to-point service in the future, there is a better, less common solution. With the natural gas cogeneration facility on campus and the natùral gas lines crisscrossing the entire campus, there is a good possibility that the vans can be converted to run as compressed natural gas vehicles. For example, Ford has a unique system called the Universal Powertrain System that explicitly allows the E-series line of vans to run on compressed natural gas. A conversion to compressed natural gas such as this could displace thousands of gallons of gasoline over the course of the vehicles and could save the University thousands of dollars, as there is a huge price differential between compressed natural gas and regular gasoline.

Now is the time for the Hopkins administration to put us on the map as one of the most forward thinking institutions in the country. We have a great opportunity to lead our peer institutions in environmentally friendly light duty vehicles. Rather than idling, let us move forward for a sustainable future.

Michael St. Germain is a sophomore International Studies major from

Detroit, Mich.

Military tribunals: gallows of injustice

By NIKKO PRICE

his week marks the 10th anniversary of President Bush's order authorizing the use of military tribunals, a system of justice not used since 1942. His order to the Secretary of Defense called for the detainment of non-citizens accused of international terrorism and their subsequent trial at Guantanamo Bay. On Wednesday, the alleged mastermind of the bombing of the USS Cole, Abd al-Rahim al-Nashiri, which killed 17 U.S. sailors in October of 2000, will go before the military tribunal system reestablished 10 years ago.

Obama must reconsider this misguided policy. Military tribunals ought to be outlawed as they subvert our system of justice, disregard our court system, undermine our moral standing on the world stage, and undercut our objective in the War on Terror.

To legitimize military tribunals is to allow the president to hold men without charge and strip them of their rights to effective counsel, assumption of innocence, appeal, due process and habeas corpus. It is to promote a system that runs contrary to the system of justice we have upheld for our entire history.

This nation is founded on the principle, as President Kennedy described, "that observance of the law is the eternal safeguard of liberty and defiance of the law is the surest road to tyranny." If this nation's government does not respect the laws it orders its citizens to obey, then the laws of our courts and the writ of our judges are rendered irrelevant. Any liberal democracy must practice what it preaches or it runs the risk of degenerating into anarchy and lawlessness.

military tribunals as a credible form of justice, he is, in effect, undermining the criminal courts of this country. By choosing the tribunals over the courts, he is ignoring the long history of success in criminal courts and their precedent in trying and convicting hundreds of enemy combatants: when Timothy McVeigh blew up a federal courthouse in Oklahoma City, he was tried and convicted in a criminal court. When Omar Abdel Rahman attempted in 1993 to blow up the World Trade Center, he was tried and convicted in a criminal court. And when Zacarias Moussaoui conspired to kill American citizens in the 9/11 attacks, he was tried and convicted in a criminal

They were all convicted in courts which respect the rule of law set by government, defend the doctrine of justice afforded by the Constitution and ensure the success of liberty ingrained in the fabric of history.

Furthermore, these courts are better for justice. A military tribunal is inherently unfair: military officers, not common citizens, are the judges and the jurors. Anybody with a basic idea of the workings of our adversarial system will see this as the ultimate trespass upon the exercise of the law. The purpose of a jury of peers is to provide an impartial body to render a verdict on a case in which it has no vested interest. But in a military tribunal, this integral safeguard of justice falls by the wayside.

Any claims of impartiality in the tribunal system are rendered null and void. A military officer with a vested interest in the outcome of the case will clearly have a tendency to rule against the defendant. With such a system, | from Brookville, N.Y.

wrongful convictions are inevitable, and thus necessary justice is not upheld. The real criminal might be left at large, and the suffering families of the victims of his barbaric crimes will be stripped of their fundamental right to see justice done.

But military tribunals go even further than this: they don't just erode our code of law - they dismantle our morality as well.

After 9/11, President Bush called on "all Americans from every walk of life to unite in our resolve for justice and peace." It is our duty, he declared, to "go forward to defend freedom and all that is good and just in this world." And throughout the War on Terror, this has been our rallying cry. This country has pledged throughout its history to try men, not to lynch them - to listen to their cases publicly, not to shove them into some dark private basement and besiege them with

an unrelenting military brigade. To that end, to win this War on Terror, we must live up to these claims of moral rectitude and fidelity to the rule of law. We must be the example to the world. If we are to fail in this regard, if we continue to condone these military tribunals, then everything we stand for falls too. If we do not outlaw this system of injustice, we will lose this war because we will come to resemble the very enemy we seek to destroy.

Obama must reconsider his stance on military tribunals to promote the cause of true American justice and to prove to the world that this law-abiding society respects the dignity of justice and the destiny of democracy.

Nikko Price is a freshman Political Science and History major



ECHNOLOGY STORE

Be Thankful We Overstocked Sale

We're offering extra savings on two Apple 13" MacBook Pro models!

MC700LL/A 2.3GHz 320GB 4GB

Sale Price: \$965.93 Orginal Price: \$1099.00

MC724LL/A 2.7GHz 500GB 4GB

Sale Price: \$1256.93 Orginal Price: \$1399.00

All Non-Apple Sale Items Are Also 50% Off While Supplies Last

Please check out our newly designed website now with live inventory and quote generation

www.it.jhu.edu/store

Authorized Campus Store

* This Coupon must be present at time of sale

ating uads

Wednesday, November 30th 9:00PM

Upper Quad on the Steps of MSE Library



Live Music, Free Hot Chocolate, Cider, & Cookies, and the Traditional Countdown to the Lights



Presented by Student Government & Office of the Deans

B SECTION

Your Weekend · Arts & Entertainment · Cartoons, Etc. · Science & Technology · Sports



YOUR WEEKEND Nov 10-13

Three hour Food trucks in Baltimore bring community together

celebration of culture at Shriver City streets.

By FLORENCE LAU Your Weekend Editor

The Office of Multicultural Aftairs presents Cul-ture Show 2011 this Saturday at 6 p.m. in Shriver

This three hour performance celebrates cultures and ethnicities around the world represented by the diverse student body at Hopkins.

There will be various performances from student groups, ranging from Irish dance to Ketzev to ballroom dancing.

The night is split into two acts, with an intermission between each act. There will be nine student groups performing in each

Admission into this event is free, but be sure to come early, as seating is first come, first serve.

For more information, check the Office of Multicultural Affairs' website.



MASSFOLKARTS.ORG Indian dance will be at Culture Show.

through November, right with Thanksgiving around the corner, that I start to get a bit homesick for those ever-tamiliar New York

Don't get me wrong, I love Baltimore.

But home is home. What can I sav?

That is why all the recent food truck sightings around Hopkins have made me beyond happy.

Food trucks are a New York staple (alright, Los Angeles too).

It is more of a fullfledged phenomenon, re-ally. Walk any corner in Midtown and you will run into one-whether it is selling cupcakes, Korean BBQ, vegan cuisine or even grilled cheese (Gorilla Cheese, it exists). However, the food truck

phenomenon seems to have been shifting south a bit, heading straight into Charm City.

Now more than ever, to o d trucks **Plestis** have in-

tegrated Bridging Baltimore them selves into Baltimore street cul-

And food here has never been better.

Just this month, the Harold and Kumar Munchies Truck Tour came to Hopkins. They brought with them the infamous Kooper's Chowhound Burger Wagon to North Charles Street.

The burgers were, of course, amazing - as was the line that roped around Charles Com-

But beyond just onetime events, Homewood campus has become a destination for quite a few well-known food truck



COURTESY OF CITYPEEK.COM

A mix of cultural foods can be purchased from the Gypsy Queen Cafe, which is at Hopkins every Monday.

Queen Café stops by St. Paul Street and 33d Street

ble. It ofeclectic mix of cuisine, to put it mildly, from Middle

Barnes

Eastern falafels to kimchi to Greek salads to classic Baltimore-style crab Also, mac & cheese...in a

waffle cone.

I kid you not.

It is simultaneously the most terrible and the most wonderful thing I have eaten all year.

So on the days Levering sushi just is not cutting it, believe me, I know where I will be.

These food trucks have also got you covered on desserts.

Iced Gems Baking, for example, frequently pulls up around Hopkins.

Sure, they have their standard flavors, but they also offer amazing options like S'mores, Chocolate Lava and Raspberry Lem-

As food truck prices go, they are not too expensive, and if you are in a sweet fix, you will not find anything better.

The list of food trucks honestly goes on and on: Curbside Café that stops in Hampden, Creperie Breizh in Charles Village, Ms. Shirley's by the Rotunda, Souper Freaks by Barnes & Noble and more.

It seems that overnight, Baltimore has caught on to the food truck craze.

But is it just a craze?

The boom in "gourmet" food trucks started around 2008, when restaurateurs were looking for ways to cut down on costs after the financial

The great innovation? Abandon the classic restaurant concept and instead put the entire operation on wheels.

Despite whatever image we have of trucks, most of these businesses actually take great pride in the quality of their ingredients and their recipes — strikingly so.

They definitely do not fit the 20th century conception of street food (or, in other words, pretzel carts and hot dog stands).

Most food trucks, I think, can be called legitimate food.

But what they do share with last generation's street food is their ability to formatively shape city cul-

Food trucks, in their own little, quirky way, give city life a bit of adventure.

When someone stumbles across a food truck, there is a sense of discovery; it is an unexpected unfortunately, life's fairly routine days.

But there is also a sense of accessibility.

While some traditional restaurants might come off as both upscale and exclusive, there is something inherently friendly about a food truck. It does not cater to one person or another.

Rather food trucks are for everyone.

They seem more a public enterprise than any-

This, I think, has a lot to do with their mobile as-

They go everywhere, and so they bridge communities, something especially important for Baltimore, a city of neighborhoods.

To be critical, the locations where food trucks stop are very strategic and far from well-distrib-

stop They clearly more affluent around parts of Baltimore: Hopkins affiliated areas, the Inner Harbor, Mount Vernon and Fells Point, primarily.

But what we see is at least the start of some potentially unifying thread throughout Baltimore, through, among all unexpected things, our definition of food.

And I think that is something to be encour-

Just this June, for example, Mayor Stephanie Rawlings-Blake announced that Baltimore will create specialized "food truck zones.

So hopefully, with a little help from the city food trucks will not be just a passing fad.

Hopefully, we see them chugging along Charm City's streets for

Calendar of JHU **Events**

Thurs. Nov. 10

IGNITE@JHU 7 — 10 p.m. Nolan's

Presenters will be sharing their personal as well as their professional passions in 5-minute- intervals using 20 slides each.

Jam on the Quad! 7:30 — 9 p.m. Gilman Steps

The JHU Octopodes and the JHU Mental Notes will be performing on the steps of Gilman Hall. Hot cocoa will be provided.

Orientation Comedy Night feat. Joe Wong 10 — 11 p.m. Shriver Hall

Joe Wong, a nationally acclaimed comedian, will be performing at

Shriver Hall. He other refreshments has appeared on David Letterman and Ellen Degeneres' shows and has won several awards in various contests and festivals around the country. Tickets are free in Mattin 210 and are first come, first serve.



Fri. Nov. II

Celebrity Poker 9 p.m. — 12 a.m. Nolan's

RAB presents a "Celebrity" Poker Tournament, where you get the chance to play Hopkins Hold 'Em against various members of the faculty and staff. There will be gift cards for the top three winners, and mocktails and

served.



JACKSEVENOFFSUIT.COM

Sat. Nov. 12

IGSA Diwali Night 6 — 11:30 p.m. Glass Pavilion

The Indian Graduate Students' Association will be celbrating the Indian festival of lights with a program comprising of contemporary Indian music, dancing, and a dinner buffet. Tickets are \$7 in advance and \$10 at the door.

Sun. Nov. 13

Spiritual Journeys 7:30 p.m. Shriver Hall

Come to Shriver Hall and see the JHU Wind Ensemble perform on Sunday.

Calendar of B'more **Events**

Thurs. Nov. 10

The Drowsy Chaperone — 11 p.m. CCBC Dundalk, Building K, Theatre

Dundalk Community Theatre's run of The Drowsy Chaperone, a musical comedy about a marriage riddled mistaken identities, dream sequences and spit takes, is ending this weekend. Tickets can purchased by calling (443)-840-ARTS.

Fri. Nov. 11

Veterans Day Weekend at Fort McHenry All Day Fort McHenry National Monument

Fort McHenry has been a part of every American war

since the War of the BMA. 1812, and this weekend, it will be hosting several events commoration of Veteran's Day. There will be talks, autographs by veterans, live music and more. This program runs through Sunday.



THEFURNISHINGWORLD.COM

Baltimore Painted Furniture 1:30 p.m. Homewood Museum

Join the Homewood Museum for an afternoon of exploring the history behind the tradtion of and viewing painted furniture from Baltimore. There will be refreshments served, participants are invited to visit the collection of painted furniture at

Re-stART with ART 6 — 9 p.m. Church of the Redeemer

This exhibit and auction will showcase artwork by local artists as well as friends of The Baltimore Station. Proceeds from the auction will be used to support therapeutic residential recovery programs.

Sat. Nov. 12



GETENGLISHLESSONS.COM

Happy Feet Two 11 a.m. Cinemark Egyptian 24

Get a complimentary ticket to a screening of this movie of a singing and dancing penguin by logging onto www.gofobo. com/rsvp and inputting BLT725P.

ARTS & ENTERTAINMENT

By COLLEEN DORSEY

The next time you're downtown after dusk, look

The Bromo Seltzer Arts Fower at 21 S. Eutaw St. (near the Inner Harbor) has a new exhibition 16 floors up in all four faces of their famous clock

Kelley Bell, a local artist, graphic designer and teacher in the department of visual arts at UMBC, has created a new set of colorful animated projections that light up the clock faces from the inside and can be seen from a variety of city viewpoints.

Bell created a successful series of projections this summer for the clock tower and now has applied her unique vision to a new set of animations.

The moving images are visible from dusk until dawn, and, with Daylight Savings over and the winter nights growing longer, there is a wide window of opportunity for viewing.

The opening reception was held last Saturday with the artist in attendance and the interested public ascending five at a time in the tiny elevator the Tower is from 1911, and only measures 30 feet on

But in the area between the clock faces there is plenty of room to be awed by all four projections.

One of the most attractive parts of Bell's installation is the chance to "be in the space," as she explains, rather than being in the normal passive position in front of a screen

Inside the clock tower an array of color spins out of the darkness on all sides to surround the viewer.

Bell personally finds the projections' effect on the inside of the clock tower the most "striking" — it hits the complicated machinery from all angles, lighting up old metal with bright digital color.

Unfortunately, the public will have to wait until the next Tower open house on Dec. 3 if they want to get up in the clock tower and experience the immersive aspect of the installation.

Partially inspired by the Astronomical Clock in Prague and the '30s rotoreliefs of Marcel Duchamp, Bell's designs focus on astronomy, each ani-mation featuring different stellar bodies moving in carefully orchestrated

On the west face Pluto SEE BELL, PAGE B4



COURTESY OF KELLEY BELL Kelley Bell unveils her new artwork at the Bromo Seltzer Arts Tower.

Bones starts season seven with a bang

By FLORENCE LAU Your Weekend Editor

Two months after the to televisions everywhere, Bones — a crime procedural featuring Temperance Brennan, a forensic anthropologist at the Jeffersonian Institute, and her unconventional partnership with FBI Special Agent Seeley Booth — began its seventh

season. The delay in filming, due to Emily Deschanel's (who portrays Brennan) pregnancy, pushed the premiere of Bones to November, but the show will follow a normal schedule from now until the end of this TV season.

The previous season proved extremely un-satisfying for fans, who were tired of the will-they, won't-they dance Brennan and Booth performed for six years. The show seemed to stall because of the lead characters' inability to develop their relationship.

However, the showrunners had a surprise for the viewers: when Bones ended in the season six finale, Brennan confessed to Booth that she was pregnant. With his child. After sleeping together once.

Needless to say, viewers were probably just as shocked as Booth was at this sudden news, which pretty much came out of

This season opens several months later. Brennan is five months pregnant at fall show line-up returned this point and apparently spending most of her time staying with Booth.

They have a conflict over moving in together with Booth saying that they need "our place" and Brennan maintaining that Booth should be the one moving into her own place because, "the baby is in [her] and [she is] more financially secure. .and objectively, [she is] more rational."

To be honest, even though Bones is a procedural, the case presented. in this episode doesn't even merit mentioning in this article, as it was extremely forgettable: it was overshadowed with Booth-and-Bones

And the times when the story wasn't clogged with Brennan-baby talk, there was Hodgins and Angelababy talk, because their son was born at the end of season six. So maybe Bones has changed into "The Baby Show," and it's not a change that is for the bet-

Of course, insight into characters' personal lives is always helpful in caring about the character, but having it take over the whole point of the show (the crime aspect) is when

SEE BONES, B4

Artist Kelley Bell Visual Novels: Unrecognized Narrative Art lights up Baltimore By ALEX MUI Cartoons Editor

Alan Moore, regarded as the greatest writer of comics, has proclaimed the age of creative storytelling over.

He noted how storytelling is still clinging to the works of the Victorian Era - with all proceeding stories simply being rehashed ideas of that period. Perhaps Moore is being quite harsh as the 20th century brought forth the creation and use of new narrative

James Joyce's Ulysses ushered in the age of modernist literature. Orson Welles's Citizen Kane defined film's structure, elevating it from simple theatre adaptions. Moore's own Watchmen proved the narrative advantages of comics, bringing forth the medium's recognition as the 9th Art.

However, Moore does make the point that today's media, constricted by corporations and businessmen, is made up of large-budget special effect films, overused sitcom plots, bland airport thrillers and redundant superhero stories.

One could see this as a sign of a static era for the narrative arts.

With the advent of the 21st century, it was assumed a new medium could push the narrative arts towards the next stage. However, devices like computers and tablets have rehashed digitized novels and films instead of creating new form of storytelling.

A new medium has indeed taken shape though, in the form of the visual novel. Among the newest of the narrative arts, visual novels are relatively unknown outside Japan's sphere of influence.

Difficult to explain, its name brings to mind the connotation of graphic novels, while its description leads one to think of video games.

Even in Japan there is scarcely any work written on the art. But the unique medium has a significant place in today's narrative

First observe the film medium. Dubbed the 7th Art in the 1920's, cinema is considered a great achievement for combining the spatial and temporal arts allowing for fluid storytelling. Hearing dialogue and seeing connect and invest more drance, canceling shows



Clannad has been called a triumph of storytelling and has been considered a great masterpieces of the narrative arts.

sic triggering expressive responses

However, at about two hours in length, the time needed to tell a story is greatly shortened. The brief time spent with characters is not always enough to convey the right emotions. Thus, directors hasten the plot and force reactions from

Another drawback is that viewer imagination is no longer a factor. Despite advanced CGI, the impact is not the same as an image created in the viewer's mind. And, despite the author's theory, films are made up of many overseeing factors, losing personal creativity.

Television has the advantage of time. Time to bond allows the viewer to better feel characters' joys and pains.

The Sopranos is considered groundbreaking work for this medium. Similar to what Citizen Kane and Watchmen did for their respective mediums, The Sopranos shifted television away from sitcoms and soap operas, opening the doors for mature dramas, complex characters

and darker plots. But the episodic narra-tion limits the variety of stories, leading to shows made up of loose, unconnected series of events. Companies controlling the actors allow viewers to industry become a hinbefore giving them a chance or dragging them out until their use has dried up.

Literature has largebeen regarded as the classical narrative art. Its effective nature of conveying stories and use of reader imagination are reasons this ancient form is still employed.

A novel can be as long as the author needs it to be to tell a story, allowing more time to develop plot. Novels allow for the use of the reader's imagination and are easily accessible. A reader can enjoy a novel at their own pace for ammore personal experience. However, even with a reader's imagination, if the reader cannot get a visual representation of the characters and their emotional state, they remain detached from the story.

Moore calls the medium of comics the perfect format for storytelling, making use of both visuals and text. Words are regarded as the currency of the left side of the brain and images of the right, allowing comics to accomplish feats that film and literature cannot.

Moore wrote Watchmen "unfilmable" to prove this point, making complete use of the medium to show that there were unique narrative devices comics could convey in a story that film could never

However, today's com-

ics companies rehash outdated superheroes instead of allowing creators to create entirely new works.

Comics are normally limited to around 30 pages to tell a story. This size is greatly decreased when one considers that text is limited to word bubbles, which deface the artwork, interfering with the flow of the story. Images in comics show every action, even when not needed, greatly inhibiting imagination as much as film does.

What can the visual novel offer to the narrative art? First this narrative medium is observed through a computer screen interface. The traditional form is made up of a central character image called a sprite, a background scene and a text box in the lower portion of the screen.

The sprite comes into view when that particular character is speaking or in the scene at that moment in the story. Usually a sprite has one pose with numerous facial expres-

The static image allows the reader to imagine their own scenes based on the text while the changing facial expressions allow the reader to visually connect with the character and their feelings.

This medium has the advantage of influence from Japanese anime which makes great use

SEE VISUAL, PAGE B5

Hot Singles on Internet: Steve Shiffman and the Land of No's "All Part Of His Plan"

his Single of the Week, "All Part Of His Plan" comes from Steve Shiffman and the Land Of No.

The indie rock band that hails from the wilds of New York City has been on the scene since 2005 and has recently embarked on an ambitious project to release a new EP every three months with the intention of compiling the parts into a full

"All Part Of His Plan" is

off the second EP, Nemegt Uul, released Nov. 1st.

In the age of ultrasynthed songs that end up falling flat when performed live, Steve Shiffman and The Land of No is definitely refreshing.

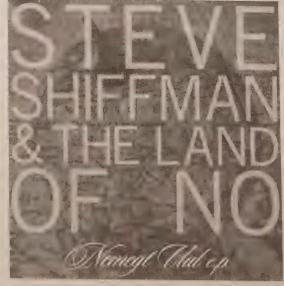
They are known for their energetic, spirited and live performances, with a devout following of fans who describe the atmosphere at their concerts as "Shiff Madness."

In "All Part of His Plan," the band moves away from their slightly country vibe to a rock-dominated sound, while still maintaining a bit of twang rarely seen in

indie rock. With its catchy chorus, "All Part of His Plan" begs to be played live - so much so that Steve Shiffman himself has labeled "All Part Of His Plan" as a live favorite.

The song's beginning vocals have a very Kurt Cobain-esque, '90s grunge sound.

This evolves into a chorus that is very reminiscent of the music of The Strokes, and the vocals of Queens of the Stone Age.



COURTESY OF SKYSCRAPER MEDIA Steven Shiffman and the Land of No released single "All Part Of His Plan."

This is combined with touches of Radiohead, who the band cites as one of

their influences. "All Part of His Plan" clearly plays up new drummer Aaron Kant, with peppy, yet aggressive beats, embracing the energy new

blood brings. The drumming, coupled with passionate

electric guitar, makes the song all the more addic-

Check out Nemegt Uul, the band's latest EP along with this Single of the Week.

And stay tuned for the next EP from Steve Shiffman and the Land of No.

- Rachel Schnalzer

Is there a Citizen Kane of video games?

to prove itself with one work In the 1940s, Citizen Kane proved the merit of film. In the '80s, comics proved themselves with Watchmen.

Video games have been around for almost 40 years, and have grown much faster than other media, but can any of us point to one game, one single game, and claim that it's the best the medium has to offer? Well, there's a lot more to that question than we

Firstly, how good is Citizen Kane in the first place? Well, I asked around for that. And you get a lot of different answers. majors told me that Citizen Kane redefined how movies were made, not that it was the best movie ever.

Writers told me that Citizen Kane was the first film to take advantage of the unique storytelling tools present in cinema, such as cinematography and editing. Alright.

But the consensus wasn't there. Even Roger Ebert couldn't really articulate why the movie was great, not in any way I could quote or paraphrase.

But perhaps *Kane* is more about the idea than the reality. This is the best film ever, in total, but trying to explain it won't really work. So, in the same way, what's the best video game ever?

My first inclination is to name Mass Effect 2. This blockbuster title is probably the best game I've ever played, focusing on a human soldier named Shepard as he puts together a team to fight interdimensional, civilization eating machines. Ok, when I

explain that way, how could this compare?

Low Culture Well, play the game and you might see what I'm talking about. Shepard's team, whose side missions and personalities actually make up most of the game, are incredibly deep and well thought-out moral conflicts in and of

It's a story of sacrifice and strength. What do you sacrifice to save the galaxy? How strong can you be in the face of total obliteration?

But I know Mass Effect, for all its biblical allusion, all its pioneering hybridization of story and gameplay,

See, there's a spectrum of written work that every writer needs to see and know and understand. On one side, you have literary work. These are your Hen-

ry James, John Steinbeck pieces, built on a certain amount of realism mixed with a strong, characterdriven narrative.

On the other side, however, we have genre work, where plot is key and moves every-thing forward, certain tropes are repeated, creating the genre itself, and typically existing in a more or less surreal version of reality.

Mass Effect falls somewhere in the middle, but that just isn't good enough. In the end, it's a science fiction game, and while that might only be its backdrop, it still alienates those without the taste for science fiction.

That's a very slippery slope. Because, unlike film,

television, or even comics, video games are sitting very firmly in the genre-based camp. See, games add an extra element into their experience that all those other media lack: gameplay

A game is as much about the gameplay as it is about the story. And while a movie has plenty of unique features (cinematography, mise en scene, etc.) those features are built into the storytelling of the medium.

Gameplay, inherently isn't. Gameplay can emphasize and enhance the story, but the two are profoundly different.

A game can be good because its gameplay is good (multiplayer Call of

Buddy Sola

Duty, for instance, has zero story and is all game. play), but

a game can also be good because its story is good even if its gameplay is subpar (Heavy Rain is probably the best example). And this distinction is key because unlike any other medium, games are classified by their gameplay rather than their story.

The video game Mass Effect, for instance, is a science fiction game. But to the gaming world, it's known as a roleplaying game because that's the way the game-play is built. There's plenty of shooter built in there, but at its heart, Mass Effect, is an

The same argument is made for Fallout or Oblivion. They're completely different genres of story (postapocalyptic and high-fantasy, respectively) but they're



Citizen Kane changed the film genre forever when it was released in the '40s...

both classified as RPGs because that's the basis of their gameplay.

What's my point? All video games are genre-based because they all have gameplay that can be seen as a genre (to a certain extent; there are definately outliers).

So, that's out. Well, as some of my film majors said, maybe it's about what redefined games. Huh. Ok. But how do you classify that? Super Mario 64 was the basis for modern 3D gameplay, does that make it the best video game ever? What about Street Fighter and that it redefined fighting games? World of Warcraft is clearly the foundation for most MMORPGS.

The fallacy here is that no game has drastically redefined games for every game thereafter. It's like saying Master of Puppets redefined music. No, it redefined metal and how we view that genre, but it's obviously not the best piece of music that's ever been made. I've spent a lot of time talking about what can't be the best video game ever, but haven't talked about what can.

This, in the end, seems to be the biggest problem. Citizen Kane is the best film ever because someone rated it that way. A bunch of critics and filmmakers got together and they said, Citizen Kane is the best movie of all time.

For video games, that just hasn't happened. Either the surrounding media base isn't strong enough or, more likely, it's not academic enough to get that deep into the game.

Not having a Magnum Opus to look to isn't necessarily because that one

game hasn't been produced. Odds are it has. (Remember, games have been around for 40 years, which is approximately the gap between the birth of film and Citizen Kane.)

But having a Citizen Kane to aspire to is more about the medium as a whole.

We don't have it because we've never sat down and figured it out. And that's the thing. Games are getting there, they're deep (Fallout 3), they're artful, (Bioshock) and they're getting better and better every year. But we don't have our Oscars yet. We don't have our Roger Ebert. (Ok, maybe Yahtzee). But most of all, we don't have the academ-

People aren't peeling back the history of games; they're constantly trying to drive them forward.

That's all well and good, but, one day, we're going get an answer to the question. And, hey, it may be some game that we all know and love.

Or it could be something that comes out four years from now. Either way, the industry can only benefit from getting an an-

Bones premieres with baby-mama drama

it's taking it too far.

Another issue that was a bit irksome was that the show forced its viewers to jump from a non-relationship — a very close friendship, sure, but a non-relationship nonetheless - into Bones and Booth getting serious and starting a family together.

It would have been a much smoother transition if the audience could have seen them dating and starting a romantic relationship instead of dumping viewers into the middle of their lives five months after the

By doing this, the writ ers took away the development of their lives together, for which a lot of people waited six sea-A lot of stories could

have been told about how Booth and Brennan slowly learn how to balance with their personal relationship and their work relationship, but here, all viewers get is that they've appar-

ently learned to manage these two parts of their lives already. At this point, it is probably futile to hope that the

writers can return to writing Booth and Brennan as they had been in the first two or three seasons of the

Back then, Brennan was confident, kick-ass and didn't have to depend on Angela for every single little thing when it came to emotions and understand-

ing people. Now, she is obtuse, oblivious and even cruel, and many viewers miss the original Brennan that they fell in love with in the first place.

It's like the original Brennan has been replaced with a caricature that includes all of her faults blown up and her good qualities hidden

These issues with Bones means that while people still watch it for nostalgia's sake, many of them miss the good old days when the show managed to balance the crime with the

All this criticism makes thos show seem like it is something to be avoided at all cost, but that is not the

It is still a fun show to watch when you've caught up on all your other shows.

However, it is no longer an "OMG I HAVE TO WATCH THIS NOW!" kind of show.

The next episode of Bones, "The Hot Dog in the Competition", comes out on Thursday, November 10,



Booth and Brennan discuss getting married and moving in together

Poet Michael Longley visits from Ireland

By BARBARA LAM

Arts & Entertainment Editor

Michael Longley followed his wife Edna Longley's lecture on Monday, Nov. 7 with his own poetry reading on Tuesday, Nov. 8. Hailing from Ireland, Longley charmed a large audience at Hopkins with his light-hearted humor and short but strong poetry as part two of The Writing Seminars's 2011 Turnbull Lectures. His reading only lasted 50 minutes, but like his poems, was as brief as it was moving.

Hopkins's Elliot Coleman Professor of Poetry Dave Smith introduced his friend fondly and with great praise. "Longley's name is inseparable from Irish history," Smith said, citing the poet's part in nonviolence promoting through his art form.

Longley, whom Smith described as "[an] advocate of poetry and life," is an Ireland native and icon. Born in Belfast in 1939, he went on to attend Trinity College and was appointed Professor of Poetry for Ireland in 2007.

Longley took to the podium in a purple shirt and red suspenders (he jokingly referred to them as his "bra straps" as they kept sliding off his shoulders). He began the reading with a series of love poems that reflected how love has changed for him The first of the four poems was "Swans Mating," written when he was a young man. After "The Linen Industry" and "The Pattern," he ended with "Cloudberries," ten just a few years ago. "[Love] just gets better and better," Longley said affectionately, describing love poetry as the center of the "wheel" that is poetry, with all other genres of poetry branching out like spokes.

The poet read deliberately in his Irish accent, giving weight to each of his words. He grouped his poems into series for the reading, introducing each set with a brief background story. The explained unity was a refreshing and very personal addition to the poems, many of which are anthologized without their counterparts.

The second "quartet of poems," as he called them, included "The Butchers" and "Ceasefire" and reflected the influence of The Odyssey on his poetry. More than once during his reading, Longley explained how the classics have inspired his writing. The third suite of poems was an ode to his six grandchildren and the time they spent at Carrigskeewaun. These poems were quiet and delicately done. The next grouping was a series

SEE LONGLEY, PAGE B5



(a small revolving skull) makes one rotation every hour to represent its approximately 249-year orbit. On the east face, the most fascinating and colorful face, the earth goes around 249 times in that hour, with the zodiac

star sign. On the south face the sun blinks a pair of huge eyes, and on the north face reside Saturn, Mars and Ju-

wheel turning as the moon

moves from star sign to

What Bell wants to emphasize is the movement, not the detail, in her designs, although the details are quite stunning — her style is full of bold colors and lines.

The projections are special because of the way they move in their circular space. The nature of the project blurs the details; they fade when viewing the tower even but the movement is still visible.

The circular movement in a unique "screen" is an important aspect of the project.

Bell wants to challenge and overturn the normal boundaries of a screen in animation, she explains.

She created her first projections eight years ago in 2003; guerrilla art installations of ravens (to represent the city) on various significant buildings around Baltimore, liberating her animations from the typical small rectangular screen by giving them an entire building wall to play on.

Over the summer she experimented with the clock tower, and this winter project is a refinement

of that concept. "Once I get the idea it goes pretty fast," Bell said of her design process and inspiration. But she

pretty images. She wants her art to mean some-She's not into art where

artists whip up a coollooking image and just project it — anyone can do

"I call it the jazz hands effect," she said - flashy skill without any real depth.

projections are Her more than just pretty pictures on a clock face

They're reminders of time beyond hours and minutes, beyond class from 10:00 — 10:50 and 15week semesters.

Time exists on a far wider scale, and her projections help recapture the awe of the movement of time that we forget in our day-to-day lives.

Let's hope one of these years Gilman can get a colorful face-lift from Kelley Bell or an inventive Hopkins student.



COURTESY OF JESSICA YOO Poet Michael Longley travels with his wife from Ireland to read at Hopkins.

ARTS & ENTERTAINMENT

NEW VIBRATIONS

ARTIST Decemberists

Long Live the King B-Sides

> Capitol RELEASED

Nov. 1, 2011

It does not have to be December for you to enjoy the Decemberists, the indie folk rock band from Portland, Oregon.

After touring the world for their breakout LP The King is Dead, the band released a 6-song EP called Long Live the King (Capitol Records/EMI).

These 6 songs are outtakes from the recording sessions for The King is Dead at Pendarvis Farm. The band plans to take a hiatus from touring and recording, and this EP marks the end of this period of activity.

The first song on the EP is "E. Watson," with backing vocals from Laura Veirs and Annalisa Torn-

"E. Watson" is a simple

ballad with simple guitarstrumming and the somber grumble of frontman Colin Meloy

What makes this song and many others on The King is Dead appealing is the story they tell.

E. Watson stands for Edgar Watson, a man who the narrator has to bury, and "his dad [was] a martyred soldier / In the war between the states." The men need to bury Watson but natural forces will not let them.

Trv to make it home bethe night/ And the were rolling / Bold the brave,

brave ocean and rolled us suckers in." This story about the Civil War is true

"Forgone" is the second song on the EP, with a much more upbeat feel.

The song is not about anything in particular, except for something that is relinquished. Perhaps it is a relationship that did

An example of a lyric is

the chorus, "And the ricks and the racks and the run / All the beats you believe that it's none." As if it does not hear the lyrics, the guitar riffs with a country twang in the background.

"Burying Davy" is mostly an instrumental with a ballad feel.

The entire song calls for people to help bury Davy, akin to "E. Watson." However, this song hides its old-fashioned tone under electric guitar riffs.

It does not anyone, Meloy asks people to "put on your tenpint bowlers" and "gather the screws and

spades."
"I 4 U & U 4 Me" is a home demo, which is not obvious at all. The authentic voice sounds a bit distant, but does not detract from the song.

Meloy sings to a young woman who is leaving home, and explains to her that "It's I for you and you were made for me," so she should never leave

The fifth song is a cov-

.....That girl has a dreadful power.

The power to kill one

er of the Grateful Dead's "Row Jimmy" and is very fitting — of course this band would cover a song by the Dead.

This version has a bit of a faster beat, although the back vocals of Jenny Conlee sound very similar to the original. The instrumental sounds very similar to that of the Dead.

Despite this, the vibrato of Meloy is very distinctive. His voice carries a lot of emotion with his riffs.

The last song is "Sonnet" with a lovely instrumental of horns. One of the slowest paced songs on the album, it gets slower as the horns progress, until it all fades away.

All of the songs on the EP and on the LP are perfect for singing by campfires or for background music on your way to class, depending on where you are when you chose to listen to them.

The Decemberists are kings of their own genre of folk rock and will be missed on their hiatus. However, they will be

back by popular demand.
This EP further enforces this, and says Long Live the King. I say long live the Decemberists.

- Elizabeth Sherwood

ARTIST Florence + The Machine

Ceremonials

Island

RELEASED Oct. 31, 2011

Florence Welch follows on the heels of Adele and Lady Gaga as one of the year's most excellent stars, all of whom are bringing some stylish, substantial girl power to the music charts

But Florence + The Machine in particular has a dark, brooding beauty that is singularly their own, and their latest album solidifies the promise of their debut, 2009's Lungs.

Of course, the majesty of Ceremonials owes much to Welch, whose soaring vocals know how to work the listener's every heartstring.

h e album launches with bang: dreamy pianos and Florence's penchant for haunting lyrics combine

on "Only If For A Night," a strong opener that hooks you from the start and sets the strange mood into play.

. And then comes the first single "Shake It Out," which has been steadily building buzz. It's absotriumphant and catchy, too; I haven't been able to get the line "And it's hard to dance with a devil on your back, so shake him off - Oh, whoa!" out of my head all week.

Florence's lyrics are just gorgeous throughout, subtly ominous and always well measured. It's lucky that this life-affirming track is so likable, because it's bound to be played to death like "The Dog Days Are Over" was a few years back

Where Lungs was a scrappy younger sibling to this record, full of heart but a little rough around the edges since the band was just starting out, Ceremonials is out of this world.

Every song is a baroque bedecked choirs for backing vocals, mystical harps and references every which way to devils and ghosts and ghouls (oh my!).

Florence herself has

remarked about how this album represents a step forward from the band's debut: "With Lungs, I hit on the sound I about halfway through making it. There were so many different influences, and the differences between a song like "Kiss With a Fist" and "Dog Days" are huge because I'd written one when I was 17 and one when I was 21," she told Pitchfork.

That sense of unity is definitely felt on Ceremonials. Every song centers around a similar sort of mood, and yet each one is uniquely evocative.

Another buzzed about track is "What The Water Gave Me," a nearly sixminute epic which spurns a lover to a watery grave backed by lush instrumentation.

The harmonies are as beautiful as they are creepy, and the slow burning build of the trickling guitars and powerful drums makes for an utterly explosive chorus.

The first half of the album in particular blends together seamlessly, from the sub-

du e d almost hypnotic ballad "Never Let Me Go" to the jangling rhythms of "Breaking Down," in which joyful violins

and a shambling tempo make even an impending breakdown sound pretty and enjoyable.

In fact, there's not a dull moment to be found on this disc.

"Seven Devils" is its own little haunted house of creepiness (you can almost hear the full moon and the howling wind in the instrumentation) and yet it's endlessly catchy.

It's the type of song that is Florence + The Machine, and the fact that this band has cultivated such a rich, personal and easily identifiable sound so early in their career is incredible.

What is most excellent about Ceremonials is that it can be listened to as an. album rather than just as a backdrop for the standout

Every song here is glo-rious, and it's a fun experience to just immerse yourself in the out-of-thisworld imagery and sound-

This is easily one of the best releases of the year. and sure to be a high point in Florence + The Machine's future illustrious

- Melanie Love

On the rise: not a graphic, but a visual novel

VISUAL, FROM B3 of different facial expressions to convey certain emotions.

The subtle changes in facial expressions from the character combined with the text allow for more expressivity in narration. Vocal dialogue from voice actors are normally added, allowing for a greater experience.

This medium is not inhibited by an overly wordy text or certain time limit, allowing the writer to create a story as long as necessary. And because the reader has a better connection with the characters, a story can be much longer than a traditional novel without boring the reader.

Most visual novels overtake traditional restrictions in word count. Umineko for example, contains the wordcounts of Atlas Shrugged and Les Mi-

However, length means nothing without substance. One of the tools writers use in the visual novel form is building personal connections with the characters.

Almost all told in this medium are told from the first person perceptive, allowing the reader to see from the protagonist's point of view. Visual novel stories are experienced by the reader.

A majority are sliceof-life based, starting out with very little conflict to allow the reader to better know the characters.

This achieves the same personal and emotional connection a viewer feels with their favorite television sitcom characters. These stories usually take place in seemingly normal worlds that actually have a mysterious factor underneath, drawing in the reader.

Once the reader has become situated with the characters and pace of the story, the plot suddenly turns and hits the reader with an unexpected event, for example, a tragic one involving one of the main

characters. By this point the reader has become so invested in the character that the emotional impact of the event experienced by the protagonist resonates.

Another powerful attribute is the music score that plays in the background of the visual novel. Visual novel soundtracks effectively cue emotional responses from reader at particular

They can feelconvev ings of nostalgia, happiness or tear-jerking sadness. One of the pioneers in this field is Jun Maeda, a writer,

music composer and psychology major who utilizes his knowledge of the human mind to craft emotional stories that are supported by his timed musical compositions that ease the reader into feeling certain emotions without force.

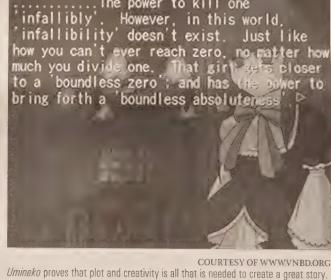
This combination of visuals, dialogue, music and timing flow together in a beautiful manner, gradually carrying the reader through the story.

One of the main features attributed to the visual novel is the emotional context. The medium is dominated by nakige, the crying genre, much like how superheroes dominate comics and sitcoms television.

Nakige are stories intended to create a tear-jerk reaction from readers. Jun Maeda's company Key is famous for being pioneers in this field. The medium's magnum opus, Clannad, so successfully accomplished this task that its formula has been used as the basis of all following nakige

This formula has also been adapted for numerous other genres, including horror and mystery. It can be fair to say that visual novels are among the only arts to use emotions as a feature in the context of framing a majority of its

Another major feature is the immense psychological access of the medium. Most visual novel stories



are divided up into several days, with the reader following the protagonist from bed in the morning throughout the day, waking up in the same bed the

Common tropes used in these stories are time loops, in which the reader experiences repeating

This is put to great use in works like Umineko, a deconstruction of the detective genre that presents murder mysteries done in a different fashion each loop, or Cross Channel, psychologically shocks the reader by reliving a repeating week filled with eerie suspense and homicides.

This structure can play with the reader's point of view. Works like Kanon and Air play with time by shifting the reader from the present to the past and allow for a unique narrative experience that cannot be accomplished in other media.

Works like Clannad shift from accustomed worlds to unfamiliar realities, adding a sense a mystery beneath a seemingly normal main plot.

One famous Ever 17, makes use of this technique and succesfully tricks the reader into seeing one story when in reality there are two timelines that are intertwined to appear as one.

Because of the setup of this medium, visual novels can contain several branching points to allow for different conclusions, much like in a video game.

However, visual novels can be written at a higher level of depth and are regarded as an equivalent to other forms of literature in terms of the purpose of storytelling; video games are usually merely products whose sole purpose is game play.

In contrast with other media, visual novels are works made up of both reader experienced and

Today, in place of an imaginative narrative, film usually hides under big-budget special effects while literature under stylistic prose.

Visual novels are much easier for a creator to break into compared with the other industries, allowing for further diverse and creative storytelling techniques.

Ryukishi, the creator of Higurashi and Umineko, independently crafted the stories and sold them on his own without aid from an outside company.

Even with his crude artwork, both works are now regarded as the best in the industry for their unique methods of storytelling, proving that all that is needed to create a great work is, really, a good story.

Next week: The history of the visual novel and how it has been defined and shaped its medium.

Poet Longley charms Hopkins audience

LONGLEY, FROM B4 of elegies, beginning with "Detour," where Longley recounts his own funeral procession.

A particular standout was "The Lifeboat," where Longley imagines his death at a pub as owner Charlie Gaffney makes him his last "pluperfect pint."

He doesn't notice that I am dead until closing time / And he sweeps around my feet." It isn't Longley who has died though, but Gaffney. "The pub might as well be empty forever now," he grieves. There is a perfected balance of sentimentality in his poems, though, works that often present a daring juxtaposition of life and death.

The final grouping of

poems was dedicated to his father, who served in World War I and died when Longley was still young.

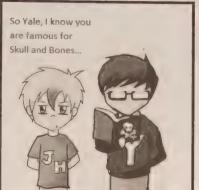
Here, Longley's precise verse shone through in his decasyllabic "Wounds," and finale "Harmonica," which he referred to as one of his favorites. He described his struggle to write "Harmonica" over the years - it was clear that when writing about his father, Longley strives to find the right amount of admiration, tenderness and spirit without overdoing it.

He strikes it just right with lines like "His breath contains the world." The brief seven-line poem demonstrates what Longley does best: creating a world of emotion in just a few words.

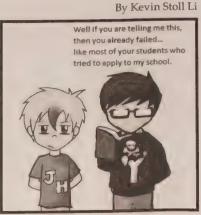
CARTOONS, ETC.

Blue Jay Brigade









Final

By A. Kwan















MARINE CORPS' BIRTHDAY 11/10/11





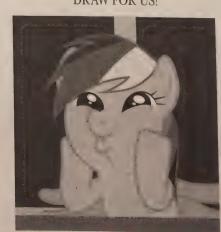
VETERANS DAY 11/11/11

Make a Wish at 11:11 on 11/11/11



CARTOONS ARE SO AWSOME!

DRAW FOR US!



WANTED: Artists, graphic artists, humor and joke writers and cartoonists for the Graphics and Cartoons Section.
Can you draw comics, create digital art, write short stories, humor articles, jokes or puns or want your art published in The News-Letter?

Then we want you. For more information, contact: cartoons@jhunewsletter.com.

Also see these cartoons in full color at: jhucartoons.deviantart.com.

SCIENCE & TECHNOLOGY



COURTESY OF WWW.UMICH.EDU Dragonfly larvae can fail to mature in the presence of predators.

Fear of predators is deadly for dragonflies

By VIVEK SINANAN Staff Writer

Ecologists at the University of Toronto have found that the mere presence of predators is enough to increase mortality in dragonflies, even when there is no imminent threat of attack, suggesting that the stress related to the knowledge that a potential predator is nearby increases susceptibility to other factors that cause death.

Previous studies have shown that "nonlethal" predators – i.e. predators that are in the vicinity but cannot actually gain access to their prey – affect mortality in species with complex life cycles, such as dragonflies. But they have focused only on effects during the larval stages, which immediately precede adulthood. The findings published in the November issue of *Ecology*,

focused instead on the effect on adult dragonflies, as well as metamorphosis, the high-stress stage between larval and adult stages.

Leucorrhinia intacta, the species of dragonfly used in the study, has already been proven to show plasticity in the presence of predatory fish. Plasticity is the behavioral, physiological and morphological changes prey undergo that can reduce predator risk, but alternatively increase risk of death from other sources.

The first part of their experiment corroborated the earlier work done on larvae. Using dragonfly larvae from two ponds, one with a fish and one with an invertebrate as the top predator, they investigated how "nonlethal" predators affected the rate of mortality in larvae.

As expected, survival SEE DRAGONFLIES, PAGE B8

Hubble images help model galactic merges

By EDWARD SAMSON Staff Writer

Astronomers now have more accurate estimate of how often galaxies combined in the last eight to nine billion years. New supercomputer simulations can predict how merging galaxies will look at various stages of interaction and from various perspectives. Jennifer Lotz of the Space Science Telescope Institute and others searched through four astrological surveys, comparing images of thousands of galaxies to the simulated models. This study led them to a more accurate value of the merger rate.

A major question in astronomy is how galaxies and stars form. The combining of two galaxies is a phenomenon that has been observed in many instances throughout the universe, and is thought to affect the mass and shape of different galaxies, as well as the formation of stars in those galaxies. Galactic collisions may also drive the mass of the black holes that lie at the center of almost all observable

Though galaxy collisions have been observed in the past, the rate at which they occur has not been determined with certainty. Some studies looked only for galaxies that were in the process of merging, while others only looked for galaxies that seemed likely to merge soon. Without enough images of galaxies to look at, and without the correct methods of identifying mergers, these studies could not obtain



COURTESY OF WWW.HUBBLESITE.ORG

While actual stars do not collide in the merger of galaxies, gasses and other mass redistribute as they interact.

an accurate value for the galactic merger rate. Past estimates of how many observed galaxies were merging ranged from 5 percent to 25 percent.

"With the galaxy merger rate, we want to know the 'number' of galaxies colliding and joining together per unit time," Lotz wrote in an email to The News-Letter. They measured the merger rate in two ways: by finding the fraction of galaxies that were merging, known as the fractional merger rate, and secondly by finding the volume-averaged merger rate, which is the average number of galaxies that are merging in a "box" or fixed volume in space.

The study focused on galaxies' behavior eight billion to nine billion years ago. The time of the merge was identified by its redshift. Since the universe is expanding, the light from distant objects bends on its way to earth, creating a red-shift. Because this bending is well understood, a "redshift is a proxy for distance," Lotz wrote.

It also indicates the time of the event being viewed. "Because the speed of light is finite, looking farther away is like looking back in time ... we are now seeing the light from galaxies at high redshifts/large distances as they were billions

of years ago," Lotz wrote.

Before you can count the mergers, it is necessary to know what they look like, Lotz's lab used new supercomputer simulations to visualize the process of galaxy collision. They simulated 57 different varieties of galaxy combinations from 10 different angles. The simulations showed the behavior of galaxies for two to three billion years during collision.

Two large spiral galaxies, such as the Milky Way galaxy and the Andromeda galaxy, combine to form an elliptical galaxy. Another form of merger is when a small galaxy is 'swallowed' by a larger galaxy in an interaction that does not change the shape of the larger galaxy.

larger galaxy.

Two small galaxies are now thought to be in the process of merging with the Milky Way galaxy. Mergers do not involve actual collision of stars because galactic bodies are so dispersed, but gases and mass redistribute during the interaction, and in active galaxies matter is consumed by the central black hole.

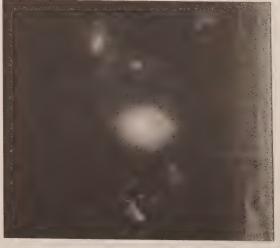
Lotz's team searched for merging galaxies in the Hubble's All-Wavelength Extended Groth Strip International Survey (AEGIS) and Cosmological Evolution Survey (COSMOS). They also used the Great Observatories Origins Deep Survey (GOODS) and the DEEP2 survey taken at the W.M. Keck Observatory in Hawaii. The team looked for galaxies that were in the middle of collision as well as those that

were beginning to coalesce but had not yet collided. This gave them a broad view of galactic interaction, correcting a limitation of previous studies that only identified galaxies in mid-collision.

This study also used a more realistic timescale over which the mergers take place. "Different ways of finding galaxy mergers catch the merger for different periods of time. . . To calculate the merger rate, we need to both count up the number of observed galaxy mergers and then divide this by the right timescale," Lotz wrote.

The study showed that in the last nine billion years small or 'dwarf' galaxies underwent mergers an average of three times, and larger galaxies combined on average only once during that time. These mergers greatly increased the mass of the galaxies.

The merging of galaxies may have contributed to star formation, so Lotz wants to study galaxy collisions 11 billion years ago when a peak number of stars were being formed.



COURTESY OF WWW.HUBBLESITE.ORG
The frequency of mergers differed between large and small galaxies.

Cell phones do not increase cancer risk

By DAN CADEL

Cell phones have long been feared to increase the risk of cancer to the user. An updated study by the Danish Cancer Society dispels these apprehensions in a recent paper analyzing cancer risk among all cellular subscribers in Denmark. Overall, the team found no increased risk of cancer or tumors among subscribers relative to the general population.

general population. The researchers looked at data from the Danish national registry, which includes health and socioeconomic data for all citizens. A number of subgroups were defined; for example, those who had been subscribers for the longest period of time and those with new subscriptions. Subgroups were also defined based on age, income levels, and whether or not the individual was a smoker.

A number of different cancers were also studied, namely central nervous system tumors and localized gliomas (tumors) on specific parts of the brain anatomy. Data was analyzed statistically to get incidence rates for different combinations of cancer types and subgroups. No correlation was found between mobile phone usage and cancer. The temporal lobe, which is subjected to the highest absorption of energy from cell phones, had no increased risk of glioma either.

Presently, no mechanisms are known to support the belief that cell phones can cause cancer, but that doesn't mean that no such mechanisms exist. "There has been some concern that there may be as yet unknown mechanisms," Aslak Poulsen, a co-author of the paper, wrote in an email to *The News-Letter*.

"If such mechanisms should exist, it would be a major public health issue as cell phones and other sources of radiation are becoming ubiquitous," Poulsen wrote. If a correlation were to emerge, it would likely prompt research into finding the causation, a mechanism by which cancer could develop.

Despite the seeming de-

finitiveness of the study, there are a few limitations to consider. First, sample sizes of cell phone users were based on active subscriptions, without reference to frequency and intensity of use by the individual. Also, differences in cell phone technology over the decade-long study were not included.

"Within that period there was a shift, in the Scandinavian countries, from the analogue NMT to the digital GSM standard with a somewhat lower exposure," Poulsen wrote. NMT users having been receiving larger exposure for longer periods of time than GSM users, yet the results of the study still do not indicate a correlation. Smartphones are built on an even newer system, UMTS, with 100 times lower exposure than GSM devices. There is "much lower exposure to the head from smartphones .. they are not likely to pose a higher risk," Poulsen

Future work can still be done to further verify the results. "When looking at brain tumors, even longer follow up and of course more detailed exposure data will always be desirable," Poulsen wrote. For example, the study in Denmark ignored corporate use devices, which account for a large number of users in the US.

According to the CTIA, an advocacy group for the wireless communications industry, the number of cell phone users in the US in June of 2011 was 322.9 million, greater than the population of the US itself. The study in Denmark was done on a sample size of 358,403 total users. Thus, a study of American users could classify approximately 1000 times more people, and therefore help minimize statistical errors.

NSF grant awarded for internet pipeline

By CATIE PAUL Staff Writer

On October 27th, the Commerce, Justice, and Science Appropriations Subcommittee announced a \$1.2-million National Science Foundation grant to Hopkins and the University of Maryland at College Park. The grant is supported by the NSF's Office of Cyberinfrastructure.

The schools will use the money to build a more advanced scientific network, which will end up being one of the fastest in the world. Hopkins' network capacity will increase to 100 gigabits per second, which means that it will be able to transfer larger amounts of data. It also means that it will become one of the first public Internet connections in the

nation that can operate at that speed. This speed will allow Hopkins to continue to be a leader in most scientific fields. It will also allow Maryland to be at the center of new scientific discoveries.

Maryland Senator Barbara Mikulski, the Chairwoman of the subcommittee, made announcement. She expressed her pleasure at being able to award the grant, stating that Hopkins is one of the first universities to expand their data pipeline to this level. She also expressed satisfaction because the data pipeline will hopefully vitalize the state economy and provide new jobs.

A data pipeline is a method in computing that contains a set of elements that process data. These together and so can be executed quickly. The establishment of one at Hopkins means that researchers will be able to analyze many large and complex sets of data. These data sets will come from such sites as Google, Oak Ridge National Laboratory and the San Diego Supercomputer Center. Some of the fields that the pipeline will be used for are astrophysics, genomics, ocean circulation and medical research.

The lead researcher on the project is Alexander Szalay, a professor in the Department of Physics and Astronomy at Hopkins. The pipeline will be built at the Bloomberg Center and supported by the regional MAX research and engineering network aggregation point at UMD.



COURTESY OF WWW.DEKALBTOWNSHIP.COM
Newer systems for smartphones reduce exposure of users to radiation.

Chemistry Briefs

Spectroscopy reveals how Oxygen harms hydrogenases

New light has been shed on how hydrogen producing enzymes are harmed by oxygen, a byproduct of the reaction, based on research out of Ruhr University Bochum.

Using Using spectroscopy methods involving x-rays, the researchers tracked how long it took the iron core of the enzyme to become inactivated by increasing levels of oxygen. As with other hydrogenases, enzymes that split water molecules into hydrogen and oxygen are susceptible to attack by oxygen dissolved in its surrounding

Specifically, the inactivation involved three phases. In the first phase, oxygen binds to one part of the iron core leading to the production of very reactive oxygen species. The reactive oxygen then attacks the iron center, modifying the irons present. Lastly, more oxygen molecules come in and cause the entire complex to fall apart.

Researchers hope to apply their results towards developing enzymes that can overcome this flaw induced by rising oxygen levels.

Glucose test uses tears to measure blood sugar levels

Researchers developed a test for glucose levels using the tears of laboratory rabbits. While current blood glucose screens rely on blood pricks that are uncomfortable for diabetes patients, this new test out of the University of Michigan Ann Arbor may someday provide a less painful alternative mode of testing. Their findings are published in the American Chemical Society's journal Analytical Chemistry.

The researchers found that tears in rabbits contain levels of glucose that correspond to the levels in the blood over the course of their eight hour observation period. Their sensor is optimized to very low detection limits and only requires a minute amount of tears, about four to five microliters, to give an accurate reading.

New names for elements 110, 111 and 112 given approval

Official names for three elements at the bottom the periodic table have been approved by the General Assembly of the International Union of Pure and Applied Physics, convening in the Institute of Physics in London. These super-heavy elements are especially unstable and

rapidly decay. Element 110 has been named darmstadtium after the city of Darmstadt, Germany. Roentgenium is the new name for element 111, recognizing the German physicist Wilhelm Conrad Roentgen, who was the first person to produce and detect x-rays back in 1895. Nicholas Copernicus, the astronomer who first proposed that the Earth revolves around the sun, is honored in the naming of element 112 as coperni-

Darmstandtium first created in 1994 at the GSI facility near Darmstadt through the collision of nickel-62 with a heavy isotope of lead. Roentgenium: was produced a month later at the same facility when scientists collided Nickel ions with Bismuth. Copernicium was first created in 1996 at the GSI facility as well through the collision

APL's Jay Moore discusses project on UAVs

By CLAYTON RISCHE Sports Editor

Unmanned aerial vehicles (UAVs) are becoming more and more relevant on the world stage. A research scientist from the Applied Physics Lab (APL), Jay Moore, came to Homewood to talk about a project he and several others have been working on, discussing their work with an audience of engineers in Gilman Hall this past Tuesday evening.

When one hears of UAVs, the first thing that probably comes to mind is the military application of the machine. While it is certainly true that aircraft, such as the MQ-1 Predator, have been used in the past several years for military operations that have included armed reconnaissance and air support roles, the aircraft discussed during Moore's presentation is designed for a much wider set of operations

A type of UAV testing platform, called the Unicorn, is a foam wing airplane that can be launched simply by throwing the craft in a balanced manner. Each Unicorn is equipped less communication and enough processing power to handle the information being gathered and distributed. The aim of this project from the APL is to create a system of autonomous, information gathering aircrafts that can supply real-time data to the

This system could lead to a wide range of applications, both civilian and military. For example, oil or gas pipelines could be monitored or checked in the event that there is a leak or damage

The concept of 'swarming' UAVs has become more popular in recent years due to the advantages presented in data gathering and recon. Moore spoke of the stigmergic potential fields that are the key to the autonomous nature of the project's research aircraft.

potential Stigmergic - Briefs by Ian Yu | fields, in the most basic



COURTESY OF WWW.AF.MIL

Moore explained the multitude of UAV applications, although the general public is mostly aware of its military use.

terms, are a system of uphill and downhill potentials that guide the UAVs to their destination. Uphill potentials are avoided by the aircrafts detection systems, and downhill potentials are sought after. Objects in the terrain that would be thought of as 'uphill' would be things such as towers, hills and buildings — pretty much anything that the vehicle might collide with. By avoiding these, the UAV can stay in a clean flight path and remain autonomous without having to have anyone guide it.

If the vehicle is commanded to hone in and search for the source of, let's say a radio signal, then that signal will become an attractive, 'downhill' force. Once reaching a target, the drone will try to get as close as operational parameters will allow, while maintaining orbit around the target.

Development of unmanned vehicles like these small Unicorns is part of a movement to develop large numbers of cheap, cost effective recon aircraft. Perhaps the most valuable asset these machines have is their autonomous nature.

Moore emphasized the importance of developing these vehicles, while keeping in mind that they needed to be able "to do the right thing with minimal input." The benefits would be enormous, particularly in civilian safety and rescue operations. UAVs like these could be used to monitor natural disaster areas, apartment fires, search operations and many other things. Finding a lost person in the wilderness might not be nearly so difficult if a dozen sets of eyes could be employed to monitor vari-

ous sectors of the forest.
Military application applications are also easy to note. If a soldier can communicate with a system of UAVs in he might know that there is a squad of enemies over the next ridge. It would go beyond giving soldiers eyes on the backs of their

The wireless communication systems that the drones employ are also a tremendous asset. Using these systems, drones can work in tandem, pooling their information and maintaining the 'best beliefs' known of their current situation. In other words, if drone A picks up on an obstacle or threat in sector A, then the other five drones working alongside it will add that knowledge to their systems.

If something changes about that obstacle and one of the drones note it, then the information will be renewed throughout the system as well. What if wireless communication is lost between drones at different places in the field? Or communication is lost due to terrain interference between the command center and the drones?

The great thing about the system is that there is a way to avoid these situations. The drones are capable of forming a 'bucket brigade' system of information. Let's say the UAVs are surveying a town and there is a mountain blocking communication between their location and the central command. The

aircraft will form a line out to the point where communication is re-established and maximize the quality of the signal amongst themselves at the same time. As a result, one or two aircrafts can carry out the recon operation, while the rest of the craft act as communication hubs.

Real-life applications of these UAVs are still a little ways off, at the very least. People will want to see that the crafts are reliable and operate safely in an autonomous manner. It will also be important for civilians to have a say in what happens. These systems could potentially be seen as a means for the government to keep a closer eye on the populace. There are also concerns as to whether or not autonomous weapons platforms would ever be implemented.

There are a lot of moral and ethical question regarding these concerns, but they won't become relevant to projects like these until the technology itself is ready to be used. Similar to most great technologies, there are pros and cons to their usage.

"We're going to get there eventually — for sty-rofoam vehicles like these, we can get there more quickly," Moore said. This is an important developing technology and will likely become more relevant as time progresses.



COURTESY OF WWW.NOAA.GOV the sky above a battlefield, UAVs can play a critically helpful role in emergency response situations.

Dragonfly larvae die of predation fear

INSECT, FROM B7 rates were 2.5-4.3 times greater larvae among raised in the absence of predators than those raised in the presence of "nonlethal" predators. However, there was no compensatory growth among surviving larvae. Previously, it has been shown that the death of some individuals results in an increase in the growth of those that survive, because of a decrease in competition for food and resources. However, this was not the case, which researchers attributed to the high levels of the food source, zooplankton, given to the larvae.

In the second part, they utilized dragonfly larvae from a pond with only fish as the top predator. They then allowed them to grow, pass through metamorphosis and into adulthood. The adults were then measured for difference in body size using head width, throat length and forewing length.

Their results were significantly different between dragonflies exposed to "nonlethal" predators, and those that were not exposed to any predator fish. Larval mortality, the same data measured in the first part, increased 1.2 times for exposed dragonflies, a significant decrease than previously noted. This can be explained by two reasons.

In the first part, the aquarium used was markedly smaller which resulted in an increase in preda-

tor density. Additionally, the predators in the first experiment were fed other Leucorrhinia intacta larvae. This affected the potential risk perceived by the pred-

Furthermore, the metamorphosis failure for exposed dragonflies was 11%, compared to just a 2% failure rate in nonexposed fish. These results suggested, in their words, "a stress response above and beyond the normal stresses associated metamorphosis." They theorized that the increased mortality was due to the dragonflies becoming more vulnerable to other mortality factors such as reduced energy gains, and exposure to pathogens.

This hypothesis has previously been asserted in studies focusing on the

effect of stress hormones. Some behavioral changes associated with the stress of avoiding predators, can result in trade-offs that affect survival. One example is the response that occurs in the brain. This involves the release of neuro-hormones that can have a potential to generate a cascade of negative physiological responses.

These fatal responses to "nonlethal" predators can have complex consequences for predator-prey relationships and food chains and webs. For example, the preemptive death of prey due to the stress associated with "nonlethal" predators, can actually work against their predators, as this increases the likelihood that the prey will be devoured by scavengers and decomposers rather than the predators themselves



COURTESY OF WWW.SCENICREFLECTIONS.COM These peculiar dragonfly larvae death. an significantly impact food chains.

Hopkins teams compete in ACM contest

By NATE SCHLOSS Technical Editor

Last weekend in the ACM International Collegiate Programming Contest regional, Hopkins teams took 1st and 3rd place locally among the thirteen teams that participated, as well as 5th and 61st regionally in a competition which took place on campus.

The ACM International Collegiate Programming Contest is run by the Association for Computing Machinery (ACM), a professional organization for computer science. Hopkins has a very active university chapter that is open to both undergraduate and graduate students. The local chapter worked with the regional ACM group to help run the competition last weekend.

The competition, which is in its 34th year, consists

of regional and international levels. Winners of regional competitions go on to compete in the international competition. The regional competition is run at a few different local sites; however, for the purposes of advancing to the international championships, scores are looked at regionally. IBM sponsors the competition which has over 2,000 participant universities.

To advance in the competition, the teams need to solve problems that range from special relativity to figuring out what percentage of a room a security camera can see. They need to write a computer code to solve these problems. The code is then submitted to an 'offsite location where it is tested against a large set of data. The teams are scored based on how quickly they can solve the problems and on how many problems that they get right.

The Hopkins teams made a comeback after placing behind University of Maryland College Park last year. Junior Juneki Hong believes that an increase in practices helped contribute to the Hopkins teams' success. "Unlike last year, we went over old problems on a few Friday nights. I think that this contributed to helping us do better," Hong said.

Juneki Hong, Mike Coupet and Yevgeniy Rudoy took 1st place locally and 5th place regionally. Paul O'Neil, Michael Tango and Spencer Ong took 3rd place locally and 61st regionally. The finals this year are going to take place in Poland. The JHU teams would have needed to place 3rd or better regionally to be able to

SCIENCE & TECHNOLOGY

JHU iGEM team places in top 16 at World Championship Jamboree

By LEANNA OWEN For The News-Letter

Last weekend at the International Genetically Engineered Machine (iGEM) World Jamboree hosted at MIT, a group of Hopkins undergraduates presented a strain of yeast that some hope will one day change the way nutritional deficiencies are addressed around the world.

The 18 members of the Hopkins team spent last summer and the beginning of this semester developing a strain of yeast that produces vitamin A when used in traditional bread recipes. By inserting synthetic DNA containing the genes for the enzymes needed to produce vitamin A, the team succeeded in enriching bread they baked in the lab and made the cut to the top "Sweet Sixteen" teams of the 60 teams that advanced to this weekend's World Jamboree

The iGEM competition is an international synthetic biology challenge founded by MIT in 2004 in which students use and develop standardized gene expression programs to advance biological systems. Each undergraduate team competes to develop the biological system and effectively express it in living cells to address social or scientific problems.

In the tradition of past iGEM projects from other universities, the Hopkins team sought to address a serious world health is sue with their genetically modified machine. Past projects have included bacteria that work as biosensors for deadly water parasites or for fertilizer levels that clean up oil spills and heavy metals or that fight malaria in the guts of mosquitoes and cancer in the heart of tumors.

Although the yeast, termed "VitaYeast," is able to produce enough beta carotene for about 10 percent of daily vitamin A requirement in an entire loaf of bread, the team's work is far from finished.

"So our project is not complete as of yet, but what we did show is proof of concept," junior biomedical engineering major Arjun Khakhar said.

The 2011 iGEM competition is now finished, yet several of the team members plan to continue with the project, ultimately hoping to optimize vitamin A production in the of VitaYeast bread contain enough vitamin A to meet daily nutritional requirements. They are currently seeking additional funding to continue the proj-

According to the World Health Organization, Vitamin A deficiency impedes the health and development of 250 million preschool children in the world each year, leading to blindness in approximately one-tenth of these children. Current methods of vitamin A supplementation involve bi-annual administration of high doses of vitamin A to the most vulnerable communities as well as food fortification. These efforts are effective in the communities that they do reach, but leave children of lessaccessible rural communities vulnerable to blindness and death induced by the deficiency

'We could approach different governments to distribute the yeast for their own intervention programs. It's a self-replicating factory for vitamin production," Khakhar said.

Khakhar asserted in a previous interview that the group does not have plans to patent the yeast if it should become an effective vitamin A producer. Even then, distribution of the yeast would face a number of hurdles, including the ethics of its distribution and federal regulatory approval of its safety.

"I think that would be able to get FDA approval because yeast is already considered a safe organism, and the genes that make beta carotene [vitathat there is no genetic flow — that the genes in the yeast cannot move out of the organism into you [the consumer]. If we can show this, we should be able to get FDA approval."



COURTESY OF WWW.IGEM.ORG

The Hopkins iGEM team genetically engineered a yeast to produce Vitamin A when used in bread making.

The challenge of obtaining FDA approval for VitaYeast may prove to be a small challenge compared to obtaining social approval for its distribution and consumption. Aware of the challenges that arise from public

perceptions of anything genetically modified, the team is currently conducting surveys in Baltimore and abroad to evaluate reactions to VitaYeast. Convincing aid agencies and the public that consumption of the genetically modified yeast is both safe and ethical is likely to prove challenging, but if the team were to succeed, this undergraduatedriven endeavor could have far reaching implications for micronutrient distribution programs.

Drugs in pill form to provide savings

Hopkins Hospital records show potential savings in switching from IV's

By ALICE HUNG Staff Writer

It is frightening to consider the costs behind the used to treat patients toled by Brandyn Lau and colleagues shows that potentially millions of dollars can be saved each year by simply replacing intravenous medications for pills in hospitalized patients who are capable of swal-The study utilized com-

puterized records at the Hopkins Hospital for 2010. From these records, researchers estimate a total saved from just the Department of Medicine alone, not counting surgical pa-tients, if four commonly prescribed IV medications were exchanged for their oral counterparts.

The four IVs considered for this study were chlorothiazide, voriconazole, levetiracetam and pantoprazole. These drugs are used to prevent high blood pressure, fungal infections, seizures and acid reflux respectively. Researchers chose these medications in particular because of the high similarity between the IV and oral forms. However, many other drugs can potentially be swapped as well.

In this study, IV medication administration for inpatients was first correlated with diet order status. Those who were able to feed through their mouth were labeled as eligible for drug intake. Those who cannot eat this way were manually reviewed for other indicators of switch eligibility.

Research indicates that approximately 12 percent of United States' health expenditures in 2009 were spent on medications, amounting to a total of \$293.2 billion. In hospitals, the cost of drugs accounts for up to eight percent of total cost, significantly adding to the cost of patient care.

Furthermore, IV medications are generally more expensive compared to their oral equivalents.

Thus, by simply switching eligible patients to oral medications as soon as they qualify, hospitals can greatly reduce costs associated with IV administration. Moreover, this will also reduce risks associated with bloodstream infections, cellulitis and other side effects associated with IV access that may result in longer hospital stays.

Although not all patients can switch from IV to oral medications, even a small portion of switches will substantially reduce hospital costs. Patients who are prescribed other orally taken drugs or are able to consume solid meals are generally eligible for the swap from IV drugs to oral equivalents.

One potential limiting factor to the implementation of this plan is the difficulty of encouraging physicians to switch without over-reminding them to the point of annoyance. Medical facilities can add alert systems that indicate when a patient on an IV drug qualifies for the oral version. However, considering the number of notineations doctors get, one must be cautious of how to raise awareness amongst physicians.

The researchers behind this study suggest that one potential avenue to resolve this problem is through education. Teaching doctors the cost effectiveness of oral medications over intravenous ones may be more effective than constant reminders.

A limitation to this study is the lack of consideration for all complicating factors, which include stability of patient cases over time, product prices over time, and medical practice patterns in different facilities.

day. Fortunately, a recent min A] are already safe. We of 1.1 million dollars can be would only have to show study at Hopkins Hospital

large amount of drugs

Ask a Scientist: How is "Asian Glow" caused by alcohol? lis constants (Km), an imand a very slow rate, the

By IAN YU Science & Technology Editor

Those of you who have been in any sort of alcoholrelated setting have probably seen at least one of your fellow students, most likely of Asian descent, taking on a fairly red complexion after as little as one drink. Maybe you are one of those drinkers who turns that rather embarrassing color and experiences a general feeling of warmth in the skin around their body, followed by some level of exhaustion and other unpleasant sensations such as an elevated heartrate.

This condition, formally called Alcohol Flush Reaction (slang terms include Asian Red or Asian Glow for its occurrence among Asians), arises from a defect in a particular copy of an enzyme called acetaldehyde dehydrogenase. The enzyme is responsible for an intermediate step in the metabolism of alcohol

within the liver, breaking down acetaldehyde into acetic acid after another enzyme converts alcohol into acetaldehyde

COURTESY OF WWW.IGEM.ORG

VItaYeast may help to reduce Vitamin A deficiencies in poorer countries.

Cytosolic acetaldehyde dehydrogenase enzymes, typically found moving about the insides of liver cells, are primarily responsible for the breakdown of acetaldehyde, so a defect in the cytosolic acetaladehyde dehydrogenases can cause a buildup of acetaldehyde. That accumulation of acetaldehyde throughout the body leads to the flushing in the skin of the head and neck, with some individuals experiencing skin flushing all over the body. There is still another version of the enzyme that the body relies on, found in the mitochondria of liver cells, which will eventually break down the acetaldehyde. However, it works at a much lower rate.

The difference in the speeds of the enzymes arises from their Michaeportant biochemical property of enzymes, which is higher in the cytosolic acetaldehyde dehydrogenase than it is in its mitochondrial counterpart. According to Chris Berndsen, a postdoctoral fellow in the Department of Biophysics and Biophysical Chemistry at the Hopkins School of Medicine, the Michaelis constant relates how fast an enzyme operates based on the concentration of the

chemical it breaks down. The Michaelis constant in its simplest form is the amount of the substrate that you would need to reach one half of the fastest activity that the enzyme can have," he said. "In terms of impacting the enzyme, the K_m really is a way for nature to tune the activity of the enzyme."

With a lower K_m, the cytosolic enzyme works through the acetaldehyde faster than its mitochondri-

al counterpart; for enzymes in general, the Km alone does not indicate how fast the enzyme works.

"It's hard correlate the raw activity to a higher because the maximal rate is a separate constant from the K_m," Berndsen said. "If you have a very low K_m, meaning that the metabolites are binding to the enzyme more efficiently and staying on the enzyme

enzyme will always be essentially going at that slow rate. The same thing works with a higher rate, but the relationship between the ability of the enzyme to, turn over the metabolite, to bind it are, in the simplest form, largely separate.

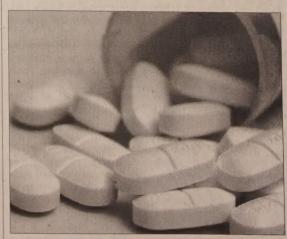
This slowed ability to break down acetaldehyde may seem like an overall detriment, making the consumption of alcohol a fairly unpleasant experience. Its only benefit is to discourage irresponsible partying, and along those lines the trait does decrease the risk of alcoholism in affected individuals. Still though, what originally led to the heightened frequency of Alcohol Flush Reaction among Asian populations?

According to research from the Chinese Academy of Science published last year, the roots of Alcohol Flush Reaction go back to the time rice cultivation began. To be more specific, rice cultivation also involved the development of fermentation, resulting in alcohol and its disinfectant, analgesic and mental effects that we know very well. Consequently, the inheritable trait for Alcohol Flush Reaction mitigated overconsump-tion of alcohol and affected behaviors and mortality risks. The research group connected their molecular dating of a particular mutation back 7000 to 10,000 years ago with archaeological sites of the origins of rice cultivation.

In essence, what seems today to be a condition that is very unfavorable for certain social settings is as old as alcohol production itself in East Asia where it had a significant health benefit.



ALEX MUI/CARTOONS EDITOR A genetic mutation that causes "Asian Glow" was recently traced to rice cultivation. more efficiently,



COURTESY OF WWW.THEMEDICALGURU.COM Researchers propose administering four drugs in pill rather than IV form.

the year strong

By ASHLEY MILLETTE Staff Writer

With temperatures steadily dropping and daylight savings stealing away the sunlight, one thing is certain: winter is closing in. Fortunately, this means that the winter sports season has arrived.

Last week, as many of our fall sports secured spots in the playoffs, men's and women's swimming, wrestling and men's and women's fencing all kicked off their seasons. On Saturday, the men's and women's swim teams competed in the Thomas Murphy Invitational against Loyola University. It was their second meet of the week and the season, and the men secured a 210-152 win, improving their season record to 2-0.

The Blue Jays' first competition was on October 29 in Lancaster, PA against Franklin and Marshall. In that event, the men won

One of the Jays' most memorable events was the 100 Free where they took first through fourth-place with solid performances from sophomore Anthony Lordi, junior Dylan Coggin, junior Tyler Woods and junior Carter Gisriel, respectively. Senior Timothy Nam won three individual events at the Invitational and also achieved a career-high time of 1:57.35 in the 200 IM.

The women's swim team also competed in the Thomas Murphy Invitational and were victorious over both Loyola and St. Francis Universities to improve their record to 3-0.

The Lady Jays also had several personal triumphs at the meet with two swimreaching NCAA B qualifying times. Sopho-Nicole Kitayama made three NCAA B qualifying times, one in the 100 Fly with a time of 57.55 and the second in the 100 Back with a time of 57.70. Kitayama's third NCAA time in the 100 Back also qualified as the seventh fastest time in school history.

Freshman Sammi Fox was the second Lady Jay to reach a NCAA qualifying time in the Invitational with a time of 2:08.27 in the 200 IM event.

achieved a personal best with a time of 2:15.67 in the 200 Fly

Considering that both Loyola and St. Francis are Division I schools, both Blue Jay squads' early victories indicate a promising season for Hopkins swim-

Hopkins swimming will be back in action next week with both the men's and women's swimming competing in the University of Maryland Terp Cup on November 17-19 in College Park, MD.

The Blue Jays wrestling team opened their 2011-12 season at the University of Maryland's Terrapin Duals this past Sunday. Competing in four matches, all against Division I schools, Hopkins took its first win of the season against Franklin and Marshall and losses to West Virginia, Bloomsburg and Maryland.

Although the team hoped for more wins, their victory against Franklin and Marshall was one of the most intense matches of the day with the Jays coming from behind to win.

Initially ahead 6-0 after individual wins from freshman Paul Bewak and sophomore Ray Yagloski, the Diplomats turned the tables, shifting the score to 16-9. With the help of seniors Ben Finelli and Rick Danilkowicz and junior Reid Mosquera, Hopkins overcame the power of F&M to end the bout with a final score of 18-16.

JHU wrestling will be competing in the Wrestle for a Cure Duals in Harrisburg, PA on Saturday, November 12th. Hopkins will face American International, York (PA), and Ithaca.

Fencing also kicked off its season this week on Sunday December 6 at the Temple Open in Philadelphia, PA

JHU fencing has consistently ranked in the top five of Division III programs for several years now and hopes to get another shot at the NCAA Regionals this season. The men's and women's teams will undertake their next duals Saturday November 19 at the Haverford Invitational in Haverford, PA.

Winter sports start | Championship season in full force at Hopkins

By ERICK SUN Staff Writer

What has become perhaps the most successful fall season in Hopkins sports history will come to a close with three NCAA Tournament bids by the football, women's soccer, and volleyball teams, with water polo, and men's and women's cross country still

in the running for a bid. On the Homewood turf,

the Blue Jays have become offensive spectacle, tearing up opponents en route to a perfect 9-0 record and 14 straight back dating to last season. Behind the arm of senior quarterback Hewitt Tomlin and the legs of junior running back Jonathan Rigaud, the offense Jays' has racked up 398 total points on the season, good for 44 points per

On the other side of the ball

game.

the defense has matched the offensive effort. Hopkins has allowed a measly 97 total points including two shutouts, led by junior linebacker Taylor Maciow and senior defensive back Sam Eagleson, So far this season, things have been going as smoothly as possible for the Blue Jays.

"9-0 right now, it feels good but we know we're far from done," sophomore starting offensive tackle Armand Jenifer said.

Jenifer's words illustrate the team's enthusiasm, but also demonstrate the fact that the Blue Jays know there is still plenty of football to play. The Blue Jays finish their regular season at McDaniel and the team knows they cannot look to the postseason just yet.

"McDaniel is a good Jenifer "They've got a really good running back. I'm excited to see how they do against our top-ranked defense."

After missing out on the DIII NCAA Tournament last season with an 8-3 record, Hopkins entered

2011 with a vengeance. After splitting the conference title last season with Muhlenberg and Ursinus, Jenifer emphasized how the team would not settle for ties this season.

"It was key that we swept both those teams, and with the win against Ursinus this season, we got into the playoffs," he said.

Sitting at #10 in the national rankings, the Blue Jays are not only looking



SIMON OSIPOV/STAFF PHOTOGRAPHER Hopkins volleyball enters the NCAA tourney with a 25-4 record.

to get in, but also to make some noise. While they have yet to play any of the top ten teams in the nation, statistically speaking, Hopkins sits in the top five in both total offense and total defense, giving opposing coaches nightmares on how to game-plan for a team strong on both sides of the ball.

Not to be outdone, the women's soccer team has put up their own undefeated season this fall. Head coach Leo Weil, in his 20th year at the wheel of the program has built what many are hoping will become a national powerhouse in Baltimore, MD.

At 17-0 the Blue Jays have torn through the Centennial Conference to finish the regular season undefeated. Senior midfielder Erica Suter solidified her spot in Hopkins history, finishing her regular season career as the school's all-time leader in goals, assists, and points. At the other spectrum, freshman forward Hannah Kronick has begun her own legacy, shattering the school's con-

with 16 while totaling an impressive 44 points overall on the season.

In years past, come NCAA Tournament time the women's soccer team has shown they can compete on the national stage. Two years running, Coach Weil has led the Jays to the Elite Eight only to be dashed by nationally top-ranked Messiah both

> This postseason, they very well may have to go through their regional rivals again, who happen to stand at the top of the national ladder once again. However, this time around Hopkins hopes to see a difoutcome ferent when the two teams meet. The Blue Jays must advance first, and will have to go through Eastern Connecticut State this Saturday on Homewood Field in the first round.

Never in women's soccer history have the Jays faced ECSU, but coach Weil will still stress

what he has all season. "[It's important] to ap-

proach every opponent the same, no matter who they are or what their record is, he said. "When you make too many adjustments based on who you're playing, it takes away from the things you do best."

While ECSU's record of 11-8-1 pales in comparison to the undefeated mark of the Jays, everyone on the team recognizes no one can be overlooked once tournament time comes around. With 15 goals from junior forward Daniela Marchitto and 19 starts in goal for junior keeper Mackenzie MacLeod working for the ECSU Warriors, the Blue Jays have their work cut out for them.

Rounding out the Hopkins NCAA tournament picture to date, the women's volleyball team looks to bring another deep national tournament run to the Black and Blue fan base this fall. With an overall record of 25-4, a 10-0 conference mark, and the Centennial Conference tour-

Women's Volleyball

nament crown, this 2011 season has been the best since 2005 when the team finished 24-7 and first in the Centennial Conference.

With the senior-freshman combo of outside hitters Melissa Cole and Meghan Donohoe, Blue Jays have strung off 15 consecutive wins since September 19, all in dominating fashion. Over the course of the winning streak, Hopkins has lost just six sets while finishing most opponents in straight

Like Blue Jay football, the women's volleyball program was excluded from the NCAA Tournament last year, Head coach Matt Troy's first season in charge. This time around, however, ranked fifth in the Mid-Atlantic regional rankings, coach Troy has his team primed to take another step forward in the playoffs

This Friday, November 11, the women's volleyball team will take their game to Newport News, VA to face Randolph-Macon in the team's First Round match-up. Randolph-Macon enters the game at 23-5 after winning the Old Dominion Athletic Conference for the third straight year. On top of that, no one on the current Hopkins team has faced the Yellow Jackets. The last time the two teams played was in 2006, a 3-0 win for RMC

Despite the lack of familiarity, coach Troy and his Jays feel prepared

We do our best to take a business as usual approach as we try and give each of our opponents a great amount of respect when preparing for them," he said. "Having such a young team, we have approached everything as if it were another game on our schedule the best we can.'

Led by freshman Bailey Troia and junior Mallory Carter, the Yellow Jackets will be perhaps the most difficult opponent the Blue Jays have faced all season.

With a jam-packed fall playoff season on the way, Hopkins fans have plenty to cheer for despite oncoming final exams. So take a break from studying, get out of that D-level cubicle you've lived in the past two weeks, and enjoy tourney time with your fellow Blue

RANDOLPH-MACON

BLUE JAYS

EMORY

RICHARD STOCKTON

Water Polo looks to CWPA Eastern Championship

Staff Writer

The Hopkins water polo team finished in fourth place this week at the Collegiate Water Polo Association Southern Division Championship. This was the Blue Jays' sixth straight appearance in the Southern Championship.

The Blue Jays started with wins over George Washington and Gannon on Friday night. The Jays beat the GWU Colonials for the first time this season with a 16-11 victory.

High-scorer of game, freshman driver Johnny Beal, netted four goals and one assist, while junior utilityman Ross Schofield punched up a hat trick. Juniors driver Alex Whittam, utilityman Kielan Crow and freshman wingman Wes Hopkins each scored a pair.

"I thought we played well this weekend," Beal said. "We came in with a goal to beat GW to qualify for Easterns and were able to accomplish it."

On Saturday morning, Hopkins defeated Gannon 14-3, earning them a spot in the semi-finals later that day. Hopkins jumped out to a 8-1 lead at the half. Freshman goalie Danny Ovelar

formance and three steals, while classmate and fellow stopper Scott Weigel made five saves and two steals.

The Blue Jays advanced to the semifinals against 15thranked Princeton. The Tigers scored eight to Hopkins's single goal by the third, and even though the Jays came on strong at the end, scoring three goals to the Tigers' two in the fourth, they were unable to make up for their earlier performance. They were defeated 10-4.

Hopkins then faced off against 19th-ranked Bucknell, falling 10-7. Beal and senior center Mark Strickland scored two goals each, while Schofield had a pair. Ovelar made nine saves in goal and four steals.

Hopkins advances to the CWPA Eastern Championships for the sixth straight year, a program record. Harvard is set to host this year's champion-ships on November 18-20, where the team is excited to be playing St. Francis in the first round.

"We match up well with them and have a chance to pull off an upset to knock off the number one northern team," Beal said.

The winner will earn a spot in the NCAA Tourna-



Blue Jay soccer season finishes before expected

By JEFF LYNCH

Staff Writer

The Hopkins men's soccer team entered this past weekend hosting the Centennial Conference Tournament with high hopes of capturing the title and earning the automatic bid to the NCAA tournament. However, the Jays ran into a hot team in the Fords of Haverford, falling in a hotly contested match by a final score of 2-1. The Fords advanced to the finals as a fifth-seed, the first time such has occurred in conference history, only to lose to the eventual champion Red Devils of Dickinson.

The game started off slowly with the first half ending tied at zero. However, three minutes and change into the second

half, the Fords struck first. Haverford made good on a second chance opportunity on an impressive save and clear on a ball that eluded freshman goal-

keeper Nick Cerrone by

sophomore midfielder Sam Glassman. The ball sailed past the fingertips of Cerrone, but Glassman was manning the right post and managed to prevent the goal if only for a few seconds. His clearing attempt was knocked down and controlled by Haverford, who wasted no time in securing a goal.

The Blue Jays did not go quietly, though, answering back a little over two minutes later with a goal. Glassman made a run down the right sideline and dumped a pass off through a few Haverford defenders to freshman forward Matt Carey, who then took the ball to the end-line and crossed back towards the middle to fellow freshman midfielder Kotaro Mitsuhashi, who capitalized and sent the ball

for the tying goal. Unfortunately for the Blue Jays, the Fords would strike again less than 20 minutes later, as Haverford

let loose a miraculous shot

from thirty yards out. The

Fords, from then on out, hunkered down and fended off wave after wave of Hopkins attacks and watched the clock slowly tick down to the final buzzer that spelled the end of the Blue Jay Soccer season.

This buzzer also meant the final game in several Blue Jay seniors' careers, a group of five experienced and talented athletes that saw some of the most successful years in Hopkins soccer history.

The seniors of the class of 2012 include defenseman Corey Adams, the 2011 Centennial Conference player of the year, defenseman Drew Holland, forward Sean Coleman, midfielder Tony Gass and

midfielder Sean Duggan. Adams, Holland and Duggan were defensive stalwarts on a team that stifled opponent offenses on a regular basis. Coleman, the team's leading scorer, and Gass helped lead an offense

that outscored opponents

by more than two to one.

Both players joined the program as transfers.

There is no doubt that this group of five seniors will be hard to replace. However, Head Coach Craig Appleby, the 2011 Centennial Conference coach of the year, will return a solid core of underclassmen who saw considerable playing time this season. In fact, underclassmen accounted for 61 percent of all Blue Jay goals this season, with the second, third and fourth leading scorers on the team all being freshman in Carey, midfielder Rob Heuler and Mitsuhashi respectively.

Although the 2011 campaign did not end as Blue Jay fans would have liked, and losing a strong core of senior leadership and experience will be difficult, all hope is not lost for Hopkins soccer.

They will work tirelessly over the next nine months to prepare for what they hope to be a truly magical 2012 season.

SPORTS

ATHLETES OF THE WEEK KRISTEN REDSUN & MEREDITH MAGUIRE

It is very difficult to win a soccer match without scoring a goal. ask Haverford and Gettysburg's women's soccer teams

On the grand stage of Homewood Field and a place in the NCAA tournament up for grabs during the Centennial Conference playoffs, Hopkins' goalies senior Kristen Redsun and junior Meredith Maguire combined for the teams 13th and 14th shutouts of the season.

Redsun, controlled the net against Haverford in Saturday's semifinal, while Maguire was a force in the box during Sunday's championship match against Gettysburg

With what seemed like

smorgasbord Centennial Conference titles this past weekend, two Blue Jay goalies stepped up and representwhat Blue Jay Nation is

all about. N - L: How does it feel to win the Centennial Conference. what's the team's morale like, and what's the team

going to do to bring its day and Sunday. momentum into the next

level of the playoffs?

KR: Right now I think our team's morale is great. We are really confident that we can go all the way.

Winning the Centennial Conference was awesome, especially since I have been able to win it all four years I've been on this team. This win put us in the best position possible to do well in the NCAA tournament.

MM: It feels great to win the Centennial Conference for the seventh time in a row. Everyone's really excited about the season so far and ready for the play-

N-L: What are a couple of things that the team needs to work on to keep moving forward in the playoffs?

VITAL

STATISTICS

Names: Meredith Maguire

Kristen Redsun

Years: MM: Junior

KR: Public Health

Positions: Goalie

Favorite Movies:

MM: Dirty Dancing KR: Love Actually

Favorite Foods:

MM: French Fries

KR: Mexican

gets along well!'

Majors: MM: Biology

Hometowns: MM: North

KR: Trabuco Canyon, CA

Favorite part about team:

MM: "Chemistry! Everyone

KR: "We all get along really

great and have a lot of fun.

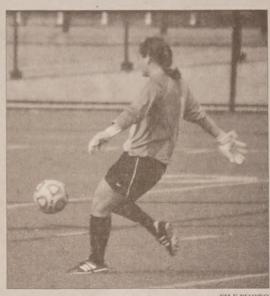
KR Right now think we are definitely playing the best we have been all season. We just need to keep working hard and make sure that we are able to stay consistent throughout the tournament es-

pecially

with

games

on Satur-



FILE PHOTO

Redsun and Maguire (above) have have posted 14 shutouts in 19 games.

feated season going I think we need to stay focused and take each game one game at a time.

N-L: Is it true that the best defense is a good of-

KR: I definitely think the best defense is a good offense. Our defense is really solid when they need to be, but as long as we have possession of the ball the other team can't

MM: Our offense this year is amazing. We average four goals a game, which really deflates any hope a team has that they can beat us

N-L: When you get bored in the goal - considering how dominant the defense has been - is there anything you do to keep yourself entertained? Do you sing a song or any-

KR: I try to stay into the game as much as I can, but when I do get bored I sing in my head. I usually just sing whatever song is in my head which is usually

MM: When I get bored in goal, I usually sing to myself. No song in particular, just whatever is in my head at the time.

N-L: Who is the team looking forward to playing most? Let me guess, the school rhymes with pa-KR: Yeah, I think our

team is most excited to play Messiah. They've kicked us out of the tournament two years in a row, and we can definitely beat them this

MM: We are all really anxious to get the chance to beat Messiah for the first time and go to the Final Four in Texas, but we need to win three games before we get that chance. We can't overlook anyone at

Football reaches top 10 national ranking

By KEVIN JOYCE

The 2011 Hopkins football team had not been accustomed to much adversity before heading into their bout with Franklin and Marshall, having won their first eight contests by an average of 37 points per game.

The Diplomats, however, would give the Blue Jays all they could handle, as Hopkins erased an early 10-point deficit in order to best F&M by a final score of 28-23.

The win clinched the Centennial Conference title outright and improved the Jays to 9-0 for the first time in school history. On Monday, Hopkins moved up to 10th in the most recent AFCA Division III poll, marking the first time in program history that the Blue Jays have been ranked in the top ten during regular season play.

F&M, who controlled the ball for over 40 minutes, entered the game utilizing a possession-oriented style of play, eating up the clock with the running game and short passes after senior Ty Savastio picked off an early pass from senior quarterback Hewitt Tomlin. This set the Diplomats up at their own 28-yard line.

The drive stalled at the Hopkins 12-yard line, but sophomore kicker Chris DeStefano converted 28-yard field to draw first blood, leading 3-0 midway through the first quarter.

With eight minutes left in the half, the Diplomats added to that lead, as freshman Jordan Zackery broke loose on a wide receiver screen, racing 77 yards for the touchdown to give F&M a two-possession lead.

Hopkins responded quickly on their next drive, requiring only two plays to cover 70 yards, as sophomore wide receiver Dan Wodicka caught a bullet in stride over the middle and raced 47 yards for the touchdown. The score cut the Jays' deficit to 10-7 with 7:32 left in the half.

After the ensuing F&M drive was stymied at midfield, Wodicka made a huge impact once again, receiving a 37-yard punt from the Diplomats and breaking off an electrifying schoolrecord 72-yard punt return down the sideline to the F&M 15-yard line. Three plays later, Tomlin ran it in himself from 10 yards out to give the Jays a 14-10 advantage going into halftime.

F&M put together pernost impressi drive of the game in the third quarter, implementing their clock-killing, ball-control style of play to perfection. They travelled

91 yards in 16 plays, eating up over nine minutes to re gain the lead on a 20-yard touchdown strike from senior John Harrison, who went 23-of-33 for 302 yards and three scores.

After the game, Harrison was named the Centennial Conference's Offensive Player of the Week despite the Diplomat loss.

The Jays displayed their mental resolve on their next drive, a 65-yarder in the final two minutes of the third quarter. Hopkins eventually wrenched back the lead from the Diplomats on a two-yard plunge from junior fullback Scott Barletta.

The drive was highlighted by two long completions from Tomlin, one 28-yarder to Wodicka and another 30-yarder to junior wide receiver Scott Cremens, which helped set up the touchdown and give the Jays a 21-17 lead going into the final 15 minutes.

Tomlin-Cremens The connection remained productive in the fourth quarter, as the two hooked up three times, including a four-yard touchdown pass on a game-clinching, seven-play, 67-yard drive that extended the Hopkins lead to 11 points with just over three minutes remaining.

The Diplomats hastily switched offensive strategies, turning to a hurry-up offense when Harrison directed a six-play, 630-yard drive in just 48 seconds, capping the march with a beautiful loft to the corner of the end-zone.

The pass was hauled in by sophomore Tim Muller to make the score 28-23 with two-and-a-half minutes to play. The ensuing two-point conversion attempt failed, but the Diplomats went into the kickoff with a slim but renewed hope of a comeback.

That hope was snatched away quickly, as the subsequent F&M onside kick was recovered by senior defensive lineman Dan Keenan. The Jays then ran out the remainder of the clock, sealing their ninth victory and their closest

contest of the year. While senior running back Nick Fazio chipped in a solid 61 yards on the ground to spark the Jays' rushing attack, it was Wodicka who shined brightest, tallying five receptions for 105 yards and a touchdown to go along with his schoolbest 72 yard punt return.

el to Westminster, MD to take on McDaniel College and close out the regular season. Hopkins looks positioned to win their 15th straight game, as well as solidify the first spotless regular season record in school history.

Next week the Jays trav-

Volleyball prepares for Randolph-Macon

V-BALL, FROM B12 third set began much like the first two, with the two teams trading points and neither side being able to gain a lead greater than

one point. When the Jays

found themselves down

Lady Jays in search of first

W. SOCCER, FROM B12 The team is now fo-

cused on this weekend's upcoming NCAA regional games. Hopkins expects to continue making program history as the season goes on. "I still expect to be national champions on December 3rd," Goodman

"We got placed in Messiah's bracket again, which I suppose I didn't expect given our great season, but it doesn't change our game plan," she said. "We need to have a good showing for every round, and when we get the chance to play Messiah in the fourth round, I look forward to ending their season and subsequently playing some awesome soccer in Texas."

"Although we've had great success this year, it means nothing if we don't come out strong for an important game," Goodman

The Jays will begin their quest for a title this Saturday at Homewood Field against Eastern Connecticut State. Game time is slated for 5 PM.

20-19, junior setter Becky Paynter stepped up once served

MM: To keep our unde-

again and match's final six points for a 25-20 Blue Jay victory in the third and final set. The win marked Jays' 18th straight home victory.

Hopkins wracked up several individual accolades in the match. nior outside hitter Melissa Cole had ing 12 kills nine digs.

Katie Schwarz, the Centennial Conference player of the week, led the team with 18 digs to go along with her 11 kills.

With the win, the Jays looked forward to their meeting with Gettysburg in the Centennial Conference championship game on Saturday night, who had just defeated Franklin and Marshall in their semifinal round match.

The Lady Jays entered the title game determined to make school history. They did not disappoint.

In thrilling Hopkins defeated the Bullets, 3-1, despite dropping the first set. The Jays found themselves down 8-3 early in the first set and were never able to bridge the gap, falling behind one set to none with a 25-21 loss.

Gettysburg ahead to begin the second set as well, but the Jays made the necessary adjustments to tie the game at 12 before pulling ahead 18-14. The Bullets came back to cut Hopkins' lead to 21-20, but freshman libero Anne Cohen served the final four points in the game to give the Jays a 25-

Schwarz and Cole. Schwarz had a personal-career and team-season high 20 kills



SIMON OSIPOV/STAFF PHOTOGRAPHER

contributing Freshman Katie Schwarz (20) had 20 kills and 22 digs in the conference championship.

The teams found themselves deadlocked at 11 in the middle of the third set, but the Jays took advantage of a Gettysburg service error and rattled off five straight points to take a 16-11 lead. The Jays never looked back, and easily won the third set The tough sets would

not end there, with the teams finding themselves tied once again at 16 apiece and then 19 apiece in the fourth set.

The teams points from that point on, but Hopkins finally broke the tie and faced their first match point with a 24-23 lead. That was the only match point the Jays would need, as freshman setter Mariel Metalios secured the victory for the Jays with a hard kill. The victory gave the Jays a program career best 25-4 record, while the Bullets finished up at 19-11.

Individually, it was a career day for multiple Blue Jays most notably Katie and a personal-high 22 digs. Cole added 16 digs, which moved her into 10th all time for the Blue Jays with 997 career digs. Cole downplayed her

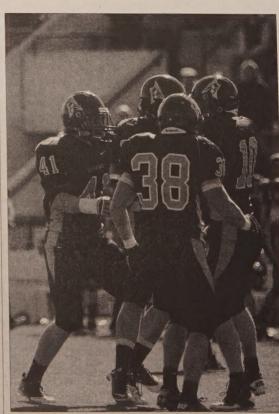
own achievements after the match. "It was a total team ef-

fort," the lone senior on the squad said. "I couldn't be prouder of our team's accomplishments this year."

The Jays will try to continue their success in the NCAA tournament, with a first round match set against Randolph Macon in Newport News, VA this Friday. The Jays' other competition in the South regional includes host Christopher Newport, Emory, Richard Stockton, Salisbury, Gallaudet and Maryville.

Of those teams, Hopkins has only faced off with Gallaudet this season, defeating the Bison 3-1 on September 22nd in Washington, D.C. With a win in the first round, the Lady Jays would play the winner of Emory and Richard Stockton for a

shot at the Sweet 16.



COURTESY OF SPORTS INFORMATION Sophomore receiver Dan Wodicka (10) celebrated his 72-yard punt return.

SPORTS

DID YOU KNOW?

Men's basketball shoots into action at Goucher on Tuesday, November 15th, while women's hoops begins at home Wednesday, November 16th.

CALENDAR SATURDAY NCAA TOURNAMENT

W. Soccer vs. ECSU 5 PM TUESDAY

Wrestling vs. Elizabethtown, 7 PM WEDNESDAY W. Basketball vs. York, 7 PM

Volleyball wins CC for first time ever

The Hopkins volleyball team forever imprinted themselves in the record books this weekend by winning the first Centennial Conference tournament title in school history. The championship ensured the team an automatic bid to the 2011 NCAA volleyball tournament, where they were placed in the South regional to be hosted by

Christopher Newport.
The Lady Jays entered the Centennial Conference tournament as the topseed and faced off against fourth-seeded Haverford in the opening round on Friday. The Jays easily handled the Fords, defeating them in three straight sets to secure a spot in the league championship game for the first time

The Jays found themselves in a tough first set, but battled back to win

The first set featured impressive Hopkins runs behind the serving freshman outside hitter Katie Schwarz and fellow rookie mid-hitter Ellen Rogers. The second set began much like the first, with Haverford jumping out to an early lead. The experienced Jays composed themselves, however, and took a 9-5 lead and never looked back.

Despite a brief scare when Haverford mounted a run of their own and cut the lead to 24-20, the Jays ultimately prevailed to win the set 25-20 on a kill from freshman Megan Schwarz, twin sister of Katie.

Unsurprisingly, the SEE V-BALL, PAGE B11

M. Soccer shocked in first round of playoffs



CATHERINE GUENTHER/STAFF PHOTOGRAPHER

Senior forward Sean Coleman, the Blue Jays' leader in goals and assists, did not play Friday night against Haverford. His absence was noticeable as Hopkins fell, 2-1. See full coverage on page B10.

W. soccer captures seventh straight CC title

By BRETT SCHWARTZ Staff Writer

The Hopkins women's soccer team continued its record-setting season this past weekend by winning its seventh consecutive conference championship. The Lady Jays defeated Haverford, 3-0, on Saturday, and then clinched the championship by defeating Gettysburg on Sunday, 2-0.

The fourth-ranked Blue Jays are now 19-0 and will host the first round of the NCAA tournament this

The Jays are very happy with their regular season success and are proud of winning the conference for the seventh straight year. Senior midfielder and co-captain Erica Suter, the Centennial Conference offensive player of the week, helped cap off her fourth conference title in four years at Hopkins, and is proud to continue the tradition.

"It feels nice to win the seventh championship in a row," Suter said. "It is so great to be a part of this continuing tradition in Hopkins women's soccer, and it defi-

reiterated Suter's sentiments, as she happy to also win fourth straight conference championship.

"It's to be consisof a ning team," experience

athletes get

The team admittedly struggled a bit in their two wins this weekend despite receiving goals from sophomore forward Pam Vranis, junior midfielder Taylor Schulte, sophomore midfielder Christina Convey and senior Jess Hnatiuk, the Centennial Conference defensive player of the week, during the weekend.

to partake in, and I hope we continue to dominate in

great feeling tently part win-Goodman said. "It's an that not all

the years ahead."

fidence going into playoffs." Gettysburg came ready

to compete, and the team



FILE PHOTO The Lady Jays will host the first and second rounds of the NCAA tournament.

> must remember to focus on each game one at a time. Their opponents' aggressive play will help them

prepare for the playoffs. "The two games this weekend were admittedly probably not our strongest games of the season," Goodman said. "Those teams came into the games with a distinct mentality. At this point, every game ends a season." She believes this can have a very

needed to make at halftime," she said. "Our forwards were told to take one-on-one, and when we did, we drew a foul, and got the free kick for our first

Suter was surprised at how

games un-

folded, but

was happy

with the fi-

nals' score.

unusual for

us, as we al-

wavs tend

to score ear-

lv. Howev-

er, we were

the adjust-

ments we

wor-

made

and

was

not

ried

we

Being 0-0

very

Goodman was also nervous about the start of the game but had full faith her team would turn it around. "We just refocused our energy and attention on creating opportunities and had a significantly better

second half."

Gritty field hockey season ends in semis

Our defense played

SENIOR DEFENDER

we had.

By NICOLE PASSMORE Staff Writer

Hopkins field hockey fell 2-0 to Ursinus College on Saturday in the Centennial Conference semifinals. The loss concludes the season for the Blue Jays, who finished with a 10-8 record overall. Ursinus improved to 15-3 and went on to become Centennial Conference champions on Sunday with a 2-1 victory over tournament host and number one-seed Franklin & Marshall.

Both the Bears and the Diplomats also advanced to the first round of the NCAA tournament, where they knocked off Christo-

Newpher port, 3-1, and Cortland State, 3-0 respectively, fantastic. We all on Wednes night gave it everything day to advance. Ursinus will play Messiah while Franklin and Mar-

shall will challenge Middlebury.

The Blue Jays had plenty to celebrate about, though, as the season came to a

"The game was very close," senior midfielder Ali Bahneman said. "I'm proud of how we played."

Hopkins kept things tight through the first half and into the second with a 0-0 score, leading up to a dramatic final 15 minutes.

"It was so close," Sports Information Assistant Director Jill Olsen, who tracks statistics for the team, said. "I was hoping we'd sneak one by Ursinus and then hold them off until the end.'

However, just over 20 minutes into the second half, the conference's leading scorer, senior Alyssa Thren, banged home the first goal for Ursinus. Classmate Corrine Freeman solidified the win for the Bears a few minutes later with a goal off of a penalty corner.

"It was a bit deflating when they scored, but we fought hard." senior forward Annie Shepard said.

Ursinus outshot Hopkins 16-6 and had the edge

in corners, 13-8. However, those numbers are an improvement from the Blue Jays' last outing versus the

"The game was a lot closer this time around," said junior midfielder Liane Tellier.

Senior co-captain and goalkeeper Kim Stein made six saves in her last game as a Blue Jay. The six saves bring Stein's total saves up to 319, ranking her fourth all-time in school history.

"Our defense played fantastic," senior defender Amy Wharton said. "We all gave it everything we had."

Wharton was named first team all-Centennial

conference for the third year in a row, making her one of only three players in program history AMY WHARTON, accomplish that Stein and junior forward

> Maggie Phillips accompanied Wharton

on the first team. It was Stein's second straight year of receiving first-team awards, while Phillips, who was the Blue Jays' leading scorer this season, made an all-Conference team for the first

Tellier was named to the second team to round out the Blue Jays all-conference awards. It was Tellier's first all-conference award.

"I think placing four girls on all-Centennial is a huge honor and a sign that the Centennial respected how we played this year and acknowledged our hard work," Wharton said.

The game was the last in the career of 11 seniors who have compiled a 50win record over four seasons. The team will look to the now-seasoned junior forward Meghan Kellett, Tellier, Phillips and sophomore midfielder Sarah Henderson to replace the holes left by the senior class next year.

"I am excited for spring ball and working towards next season, but we will miss our seniors," Tellier

NCAA Tournament: Full speed ahead! With Centennial Confer-

ence championships under their belts, women's soccer and volleyball's quests for a National championship hit do-or-die action this week-Page B10

AOTWs: Redsun & Maguire

Hopkins women's soccer improved their record to 19-0 with consecutive shutouts in the Centennial Conference playoffs thanks to impressive play from their Page B11

Winter Sports: Seasons underway

In the midst of fall season playoffs, winter sports like men's and women's swimming, wrestling and men's and women's fencing have all gotten off to solid starts in their seasons. Page B10

HOPKINS	RESULT:	GUEST
FOOTBALL	28-23	VS. FRANKLIN & MARSHALL
W. SOCCER	3-0 2-0	VS. HAVERFORD VS. GETTYSBURG
M. SOCCER	1-2	VS. HAVERFORD
VOLLEYBALL	3-0 3-1	VS. HAVERFORD VS. GETTYSBURG
FIELD HOCKEY	0-2	AT URSINUS
WATER POLO	16-11 14-3 4-10 7-10	AT GWU AT GANNON AT PRINCETON AT BUCKNELL